

FIG. 2
PRIOR ART

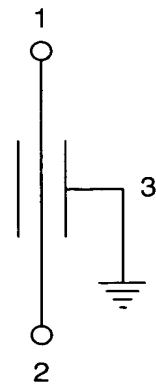


FIG. 3
PRIOR ART

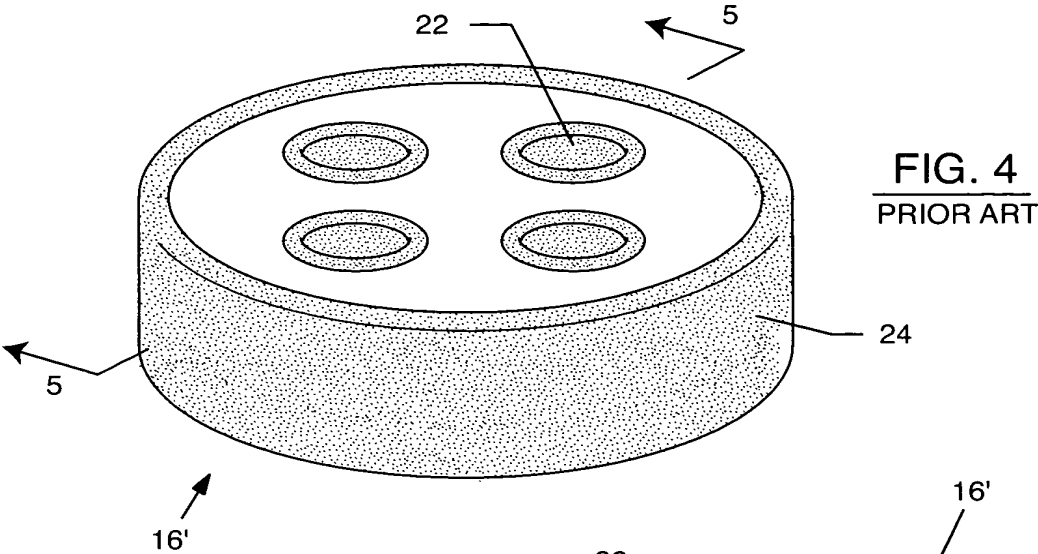


FIG. 5
PRIOR ART

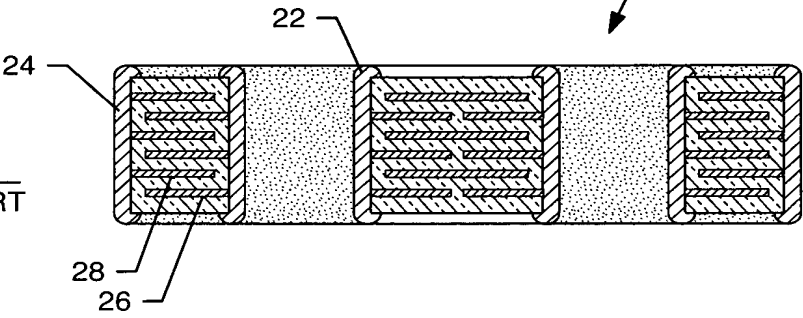
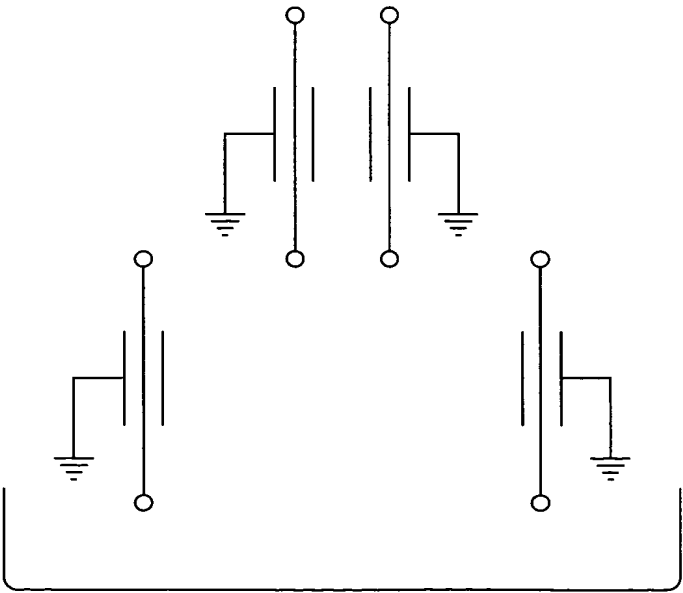


FIG. 6
PRIOR ART



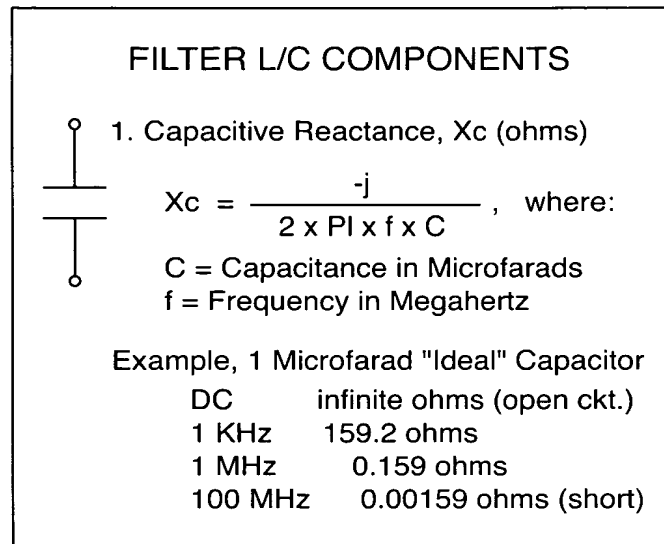
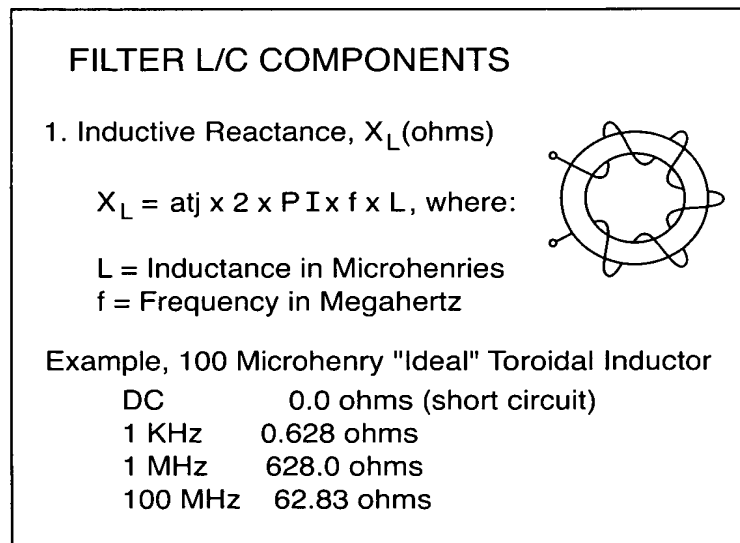


FIG. 7
PRIOR ART

FIG. 8
PRIOR ART



Common EMI Filter Circuits

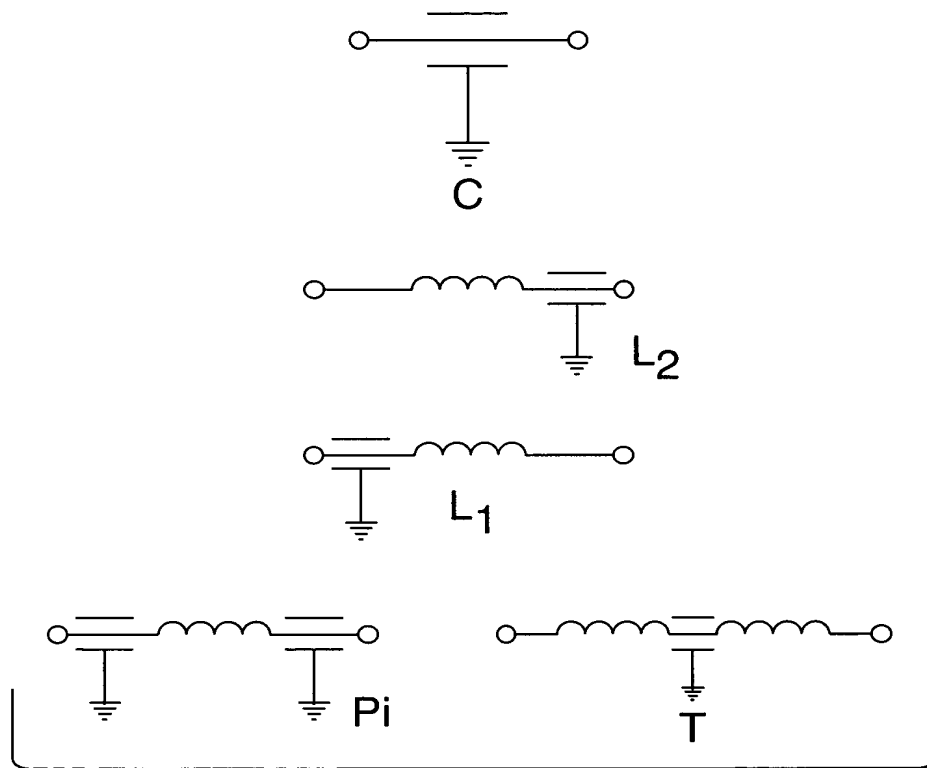


FIG. 9
PRIOR ART

COMPARISON OF INSERTION LOSS vs NUMBER OF COMPONENTS

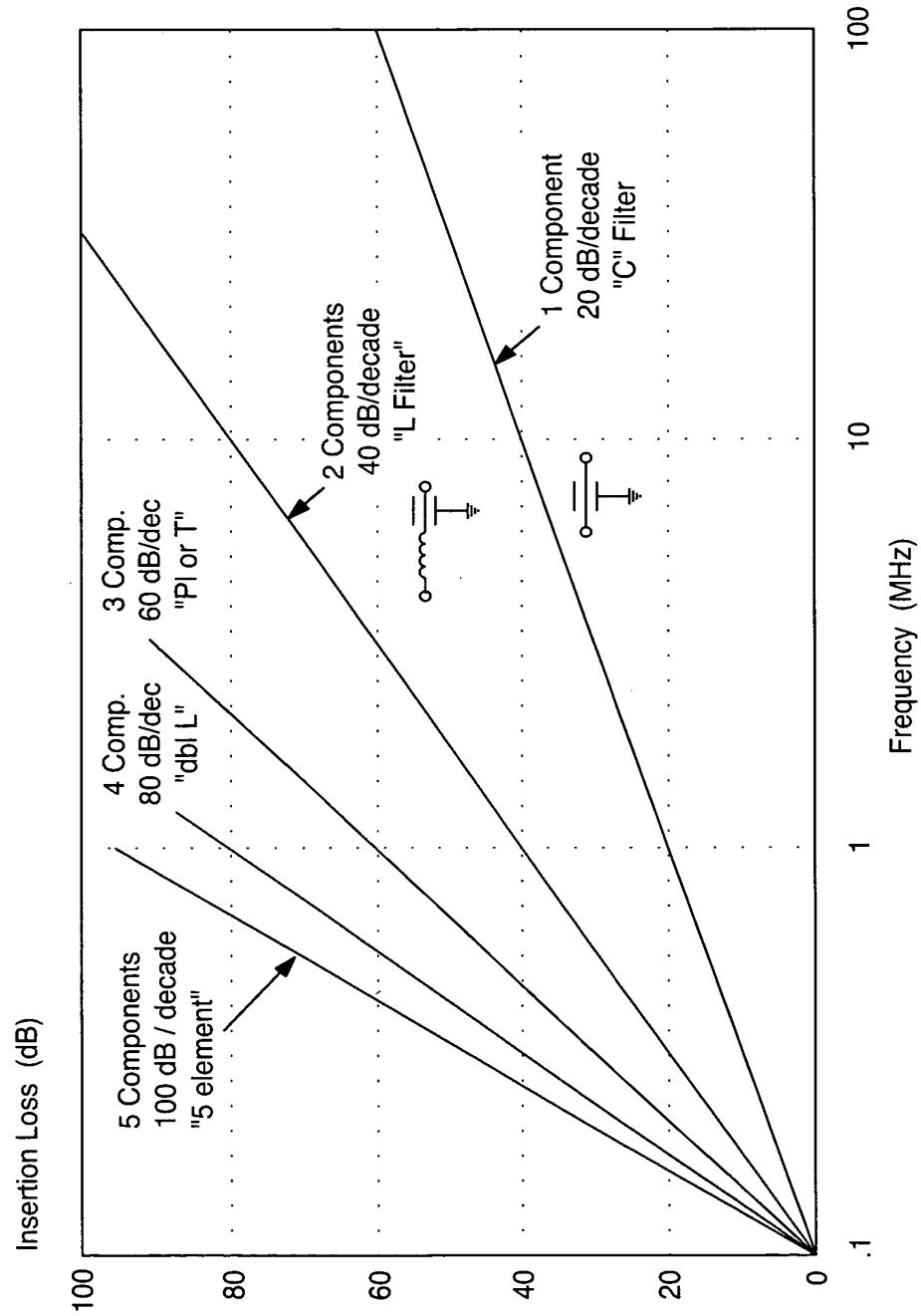


FIG. 10
PRIOR ART

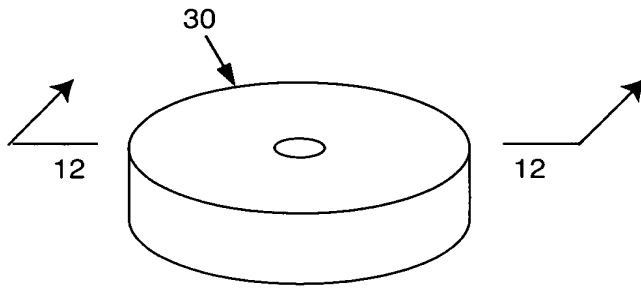


FIG. 11
PRIOR ART

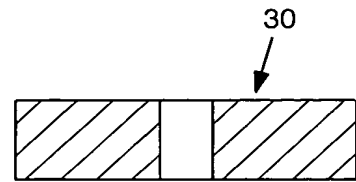


FIG. 12
PRIOR ART

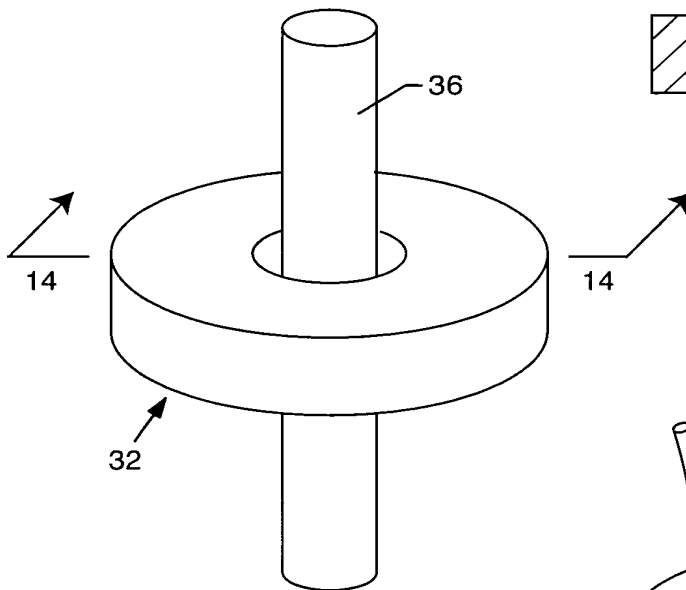


FIG. 13
PRIOR ART

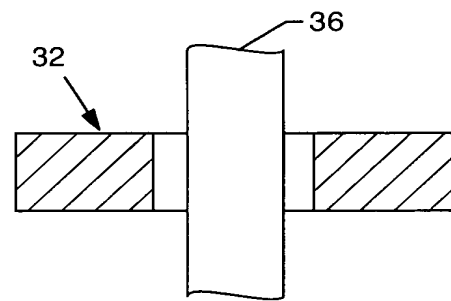
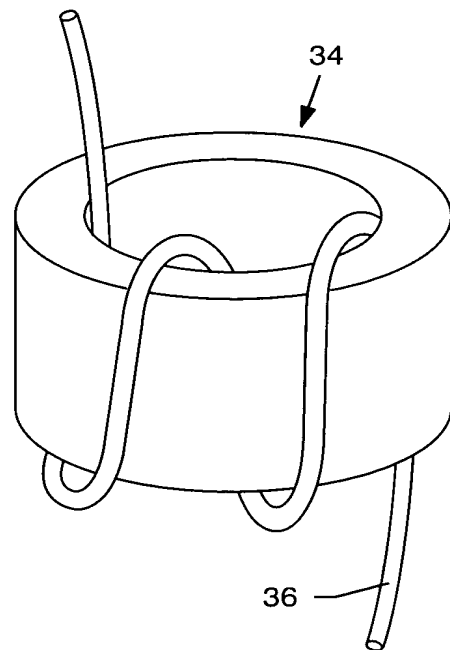


FIG. 14
PRIOR ART

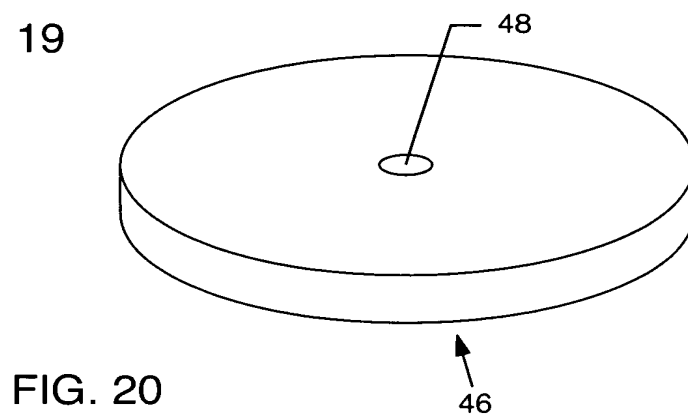
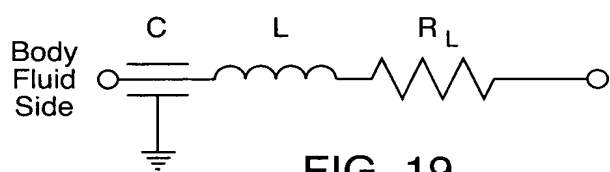
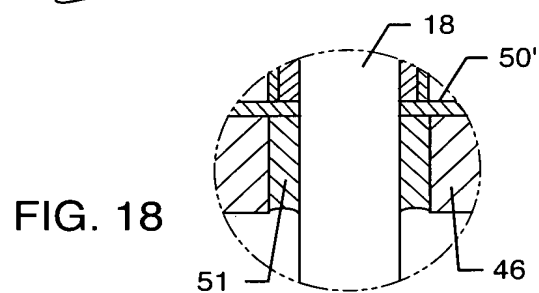
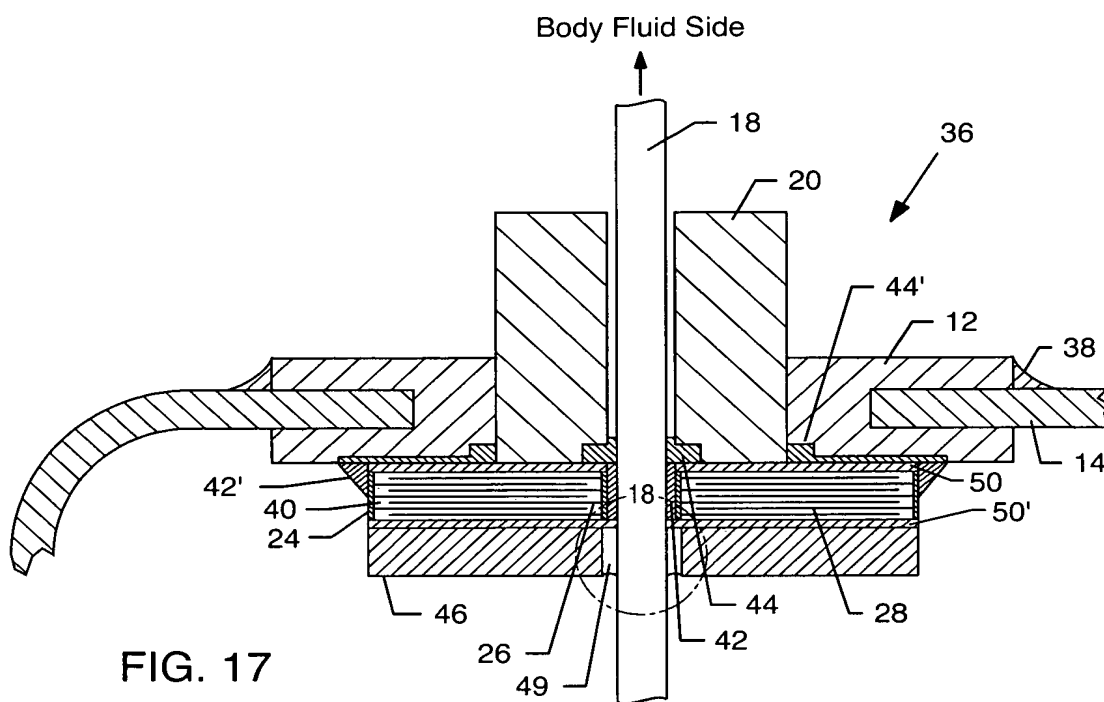
FIG. 15
PRIOR ART



**THERMOPLASTIC POLYIMIDE SUPPORTED
TAPE ADHESIVE**

MECHANICAL PROPERTIES	TEST METHOD
<p>90° Peel Strength - 250 mil (6.3 mm) width Alloy 42 substrate @ 25°C: 5.0 lb_r (2.3 kg_r) peak @ 230°C: 1.4 lb_r (0.64 kg_r) peak</p> <p>PI Coated Si Substrate @ 25°C: 5.5 lb_r (2.5 kg_r) peak @ 230°C: 1.2 lb_r (0.55 kg_r) peak</p> <p>Flatwise Tensile Strength - 250 mil² (6.3 mm²) Alloy 42 substrate @ 25°C: 3300 psi (93 kg) @ 230°C: 450 psi (13 kg)</p> <p>(¹) TH exposure - 16 hours, 85° C/85% RH</p>	<p>MT-8</p> <p>MT-1</p>

FIG. 16



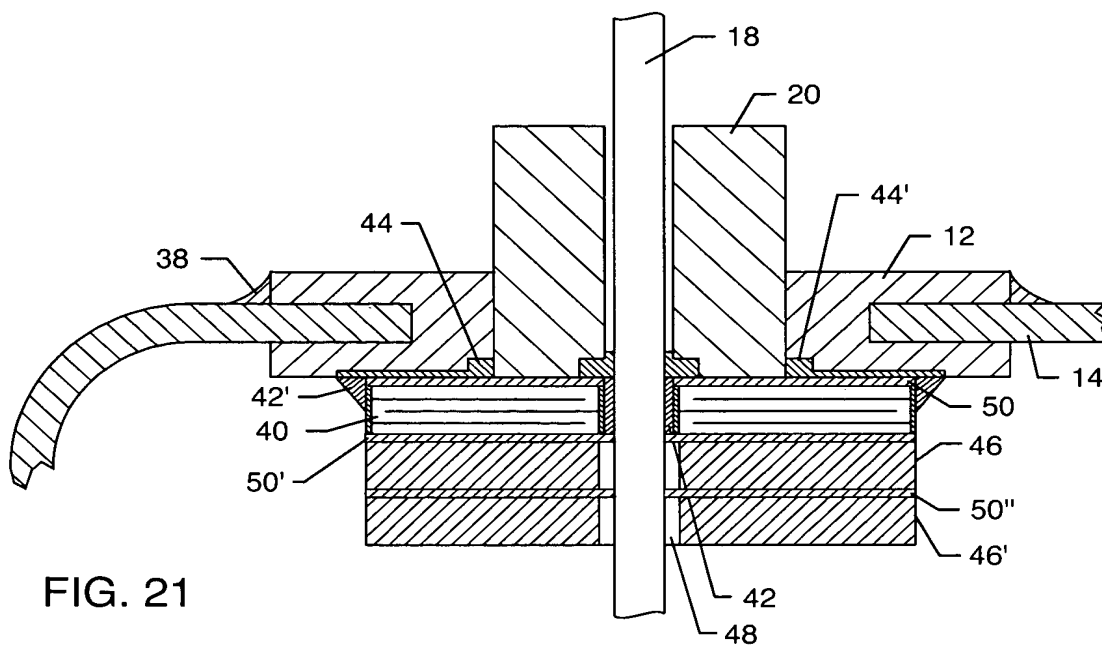


FIG. 21

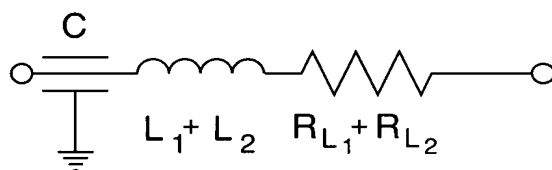


FIG. 22

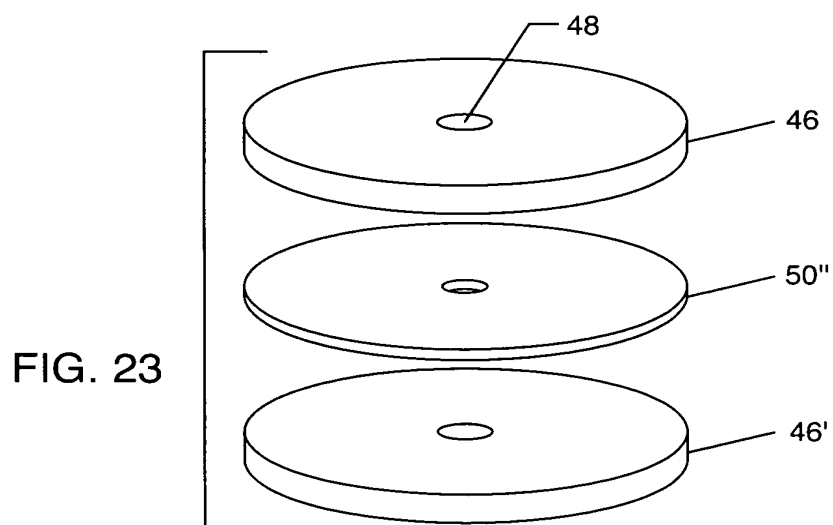


FIG. 23

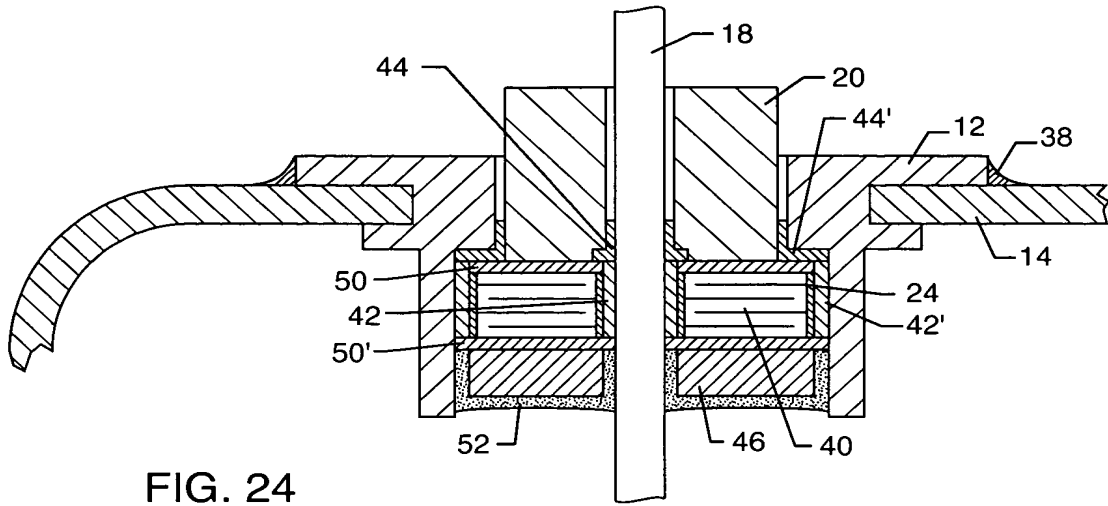


FIG. 24



FIG. 25

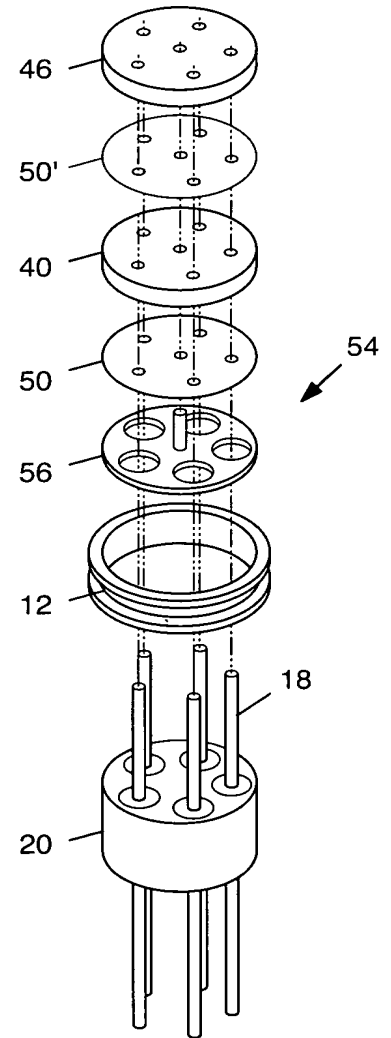


FIG. 26

FIG. 27

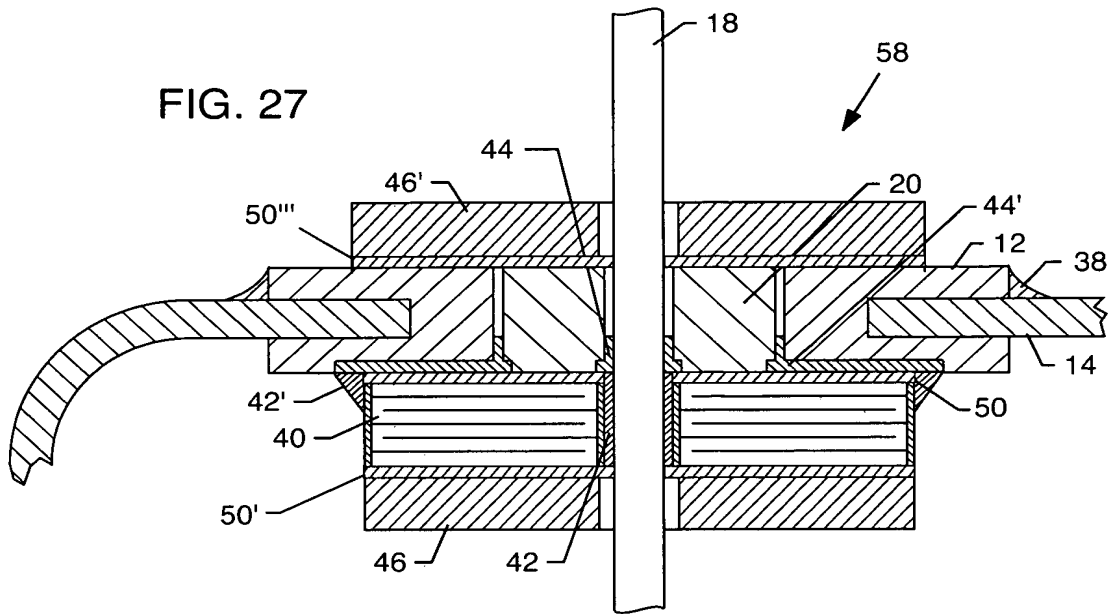


FIG. 28

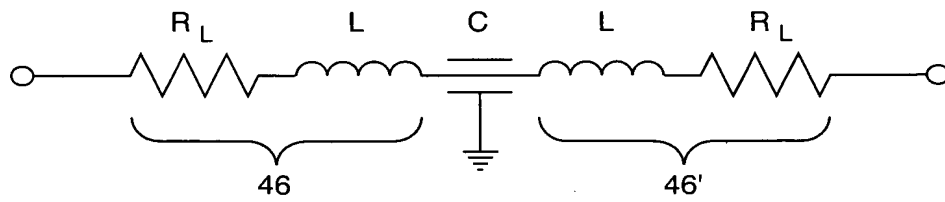
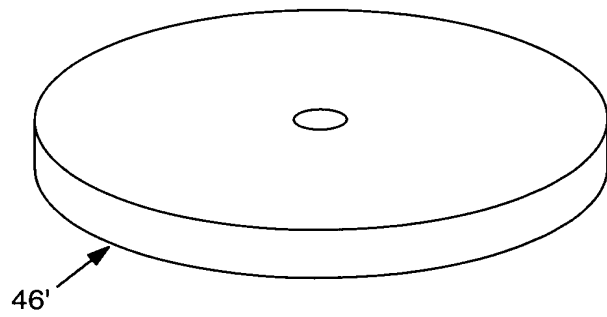


FIG. 29

12 / 34

Body Fluid Side

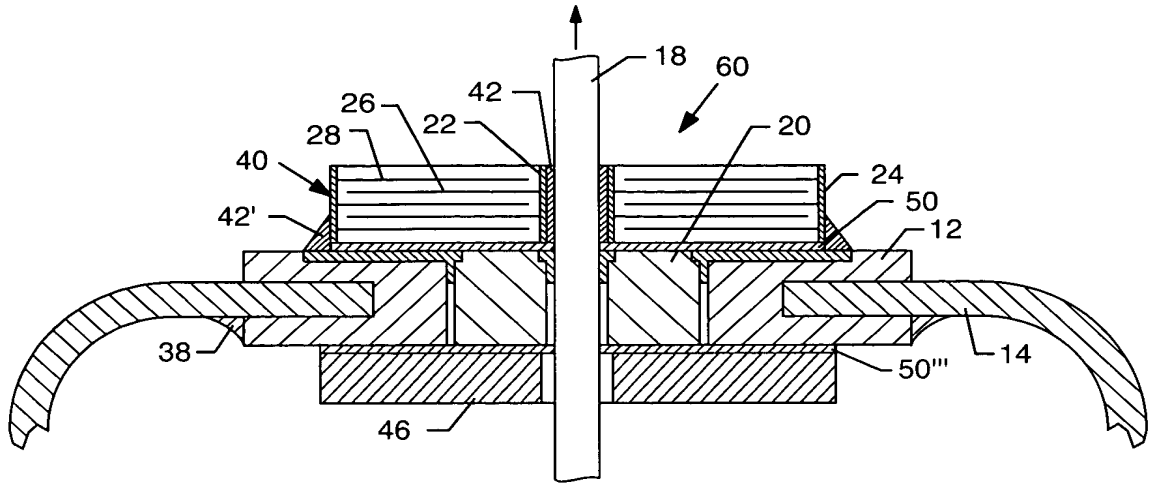


FIG. 30

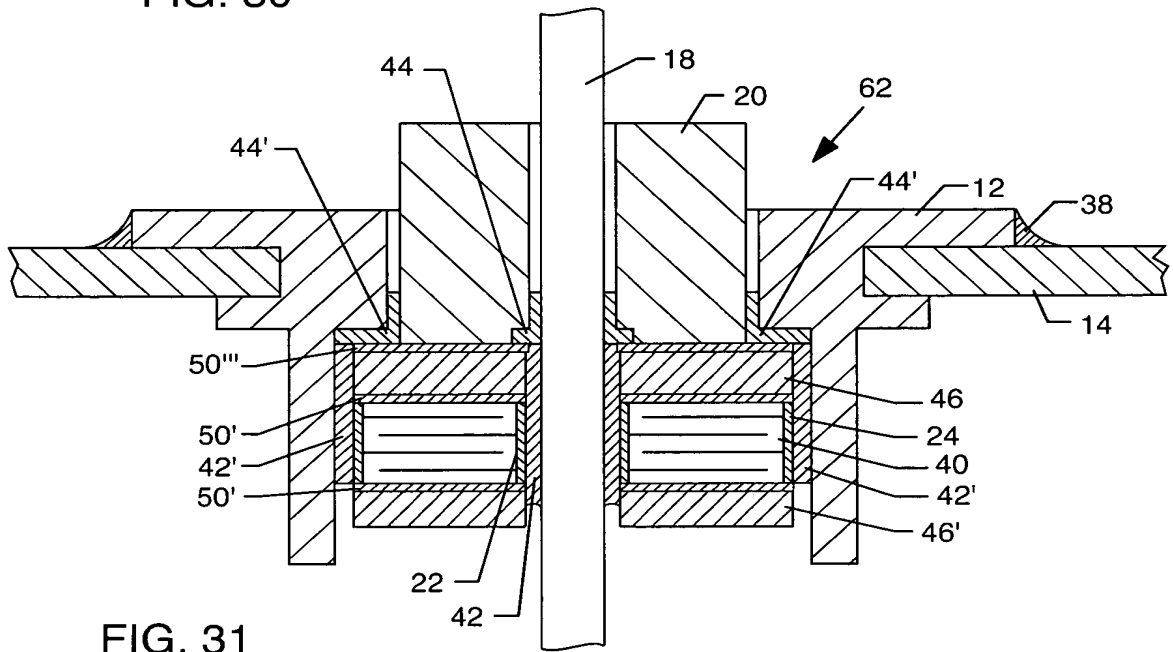


FIG. 31

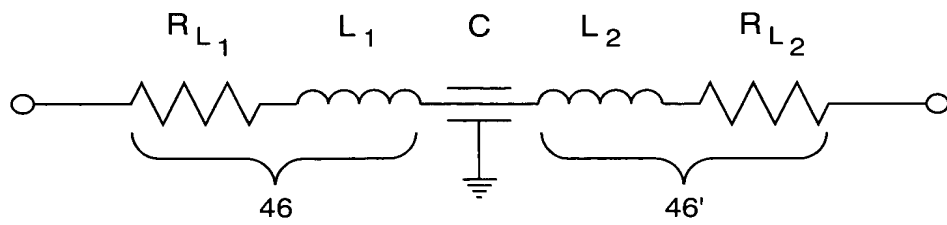


FIG. 32

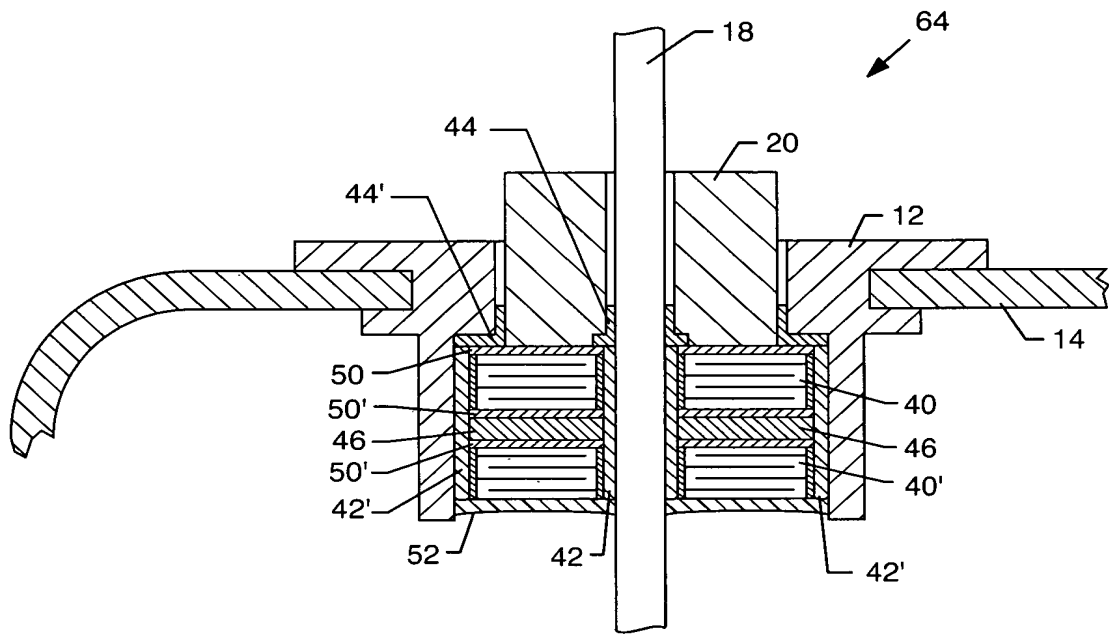


FIG. 33

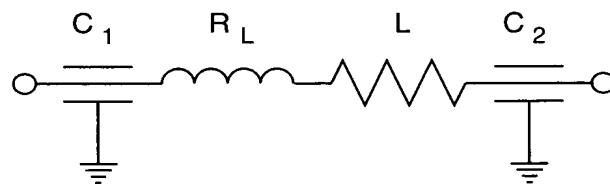


FIG. 34

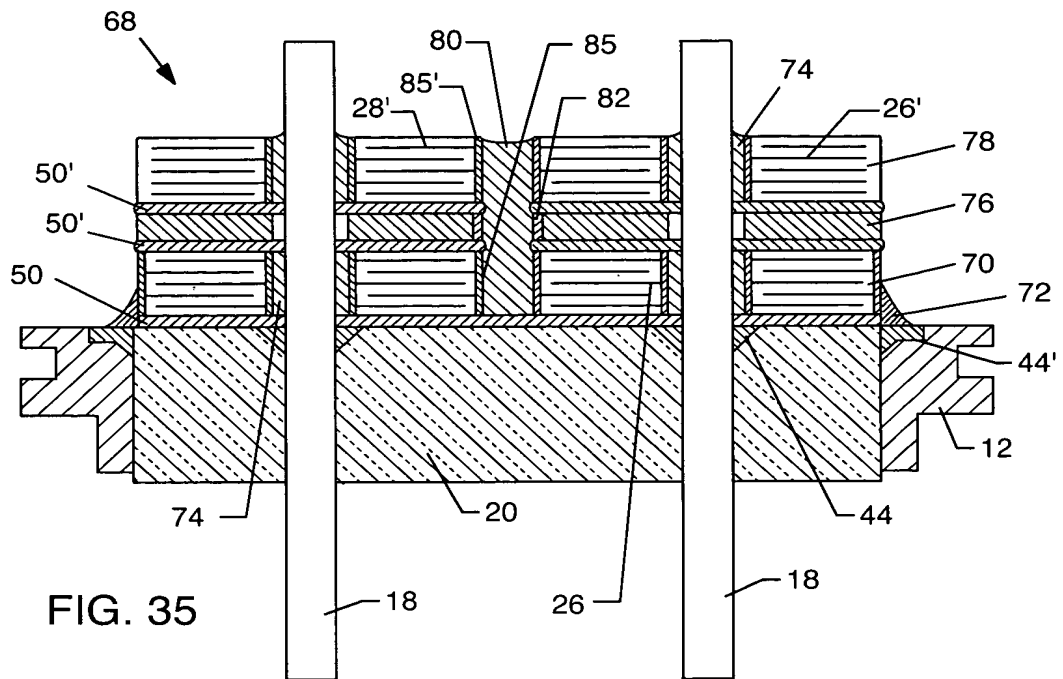


FIG. 36

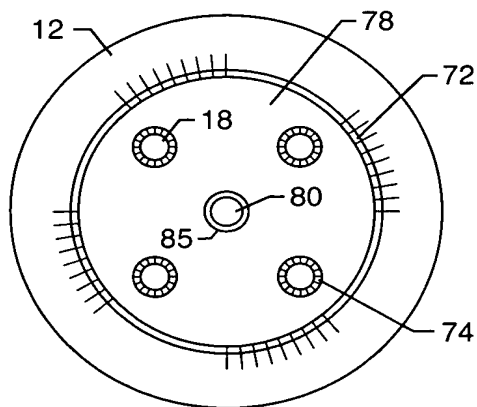
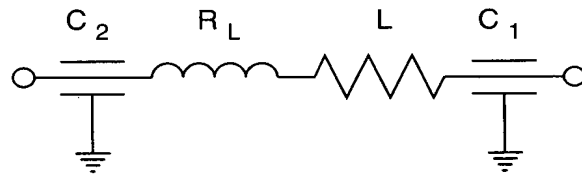
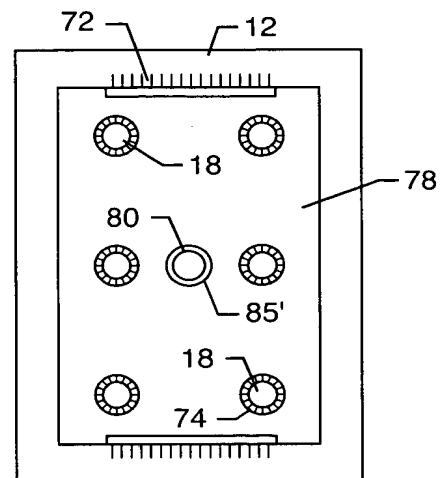


FIG. 38



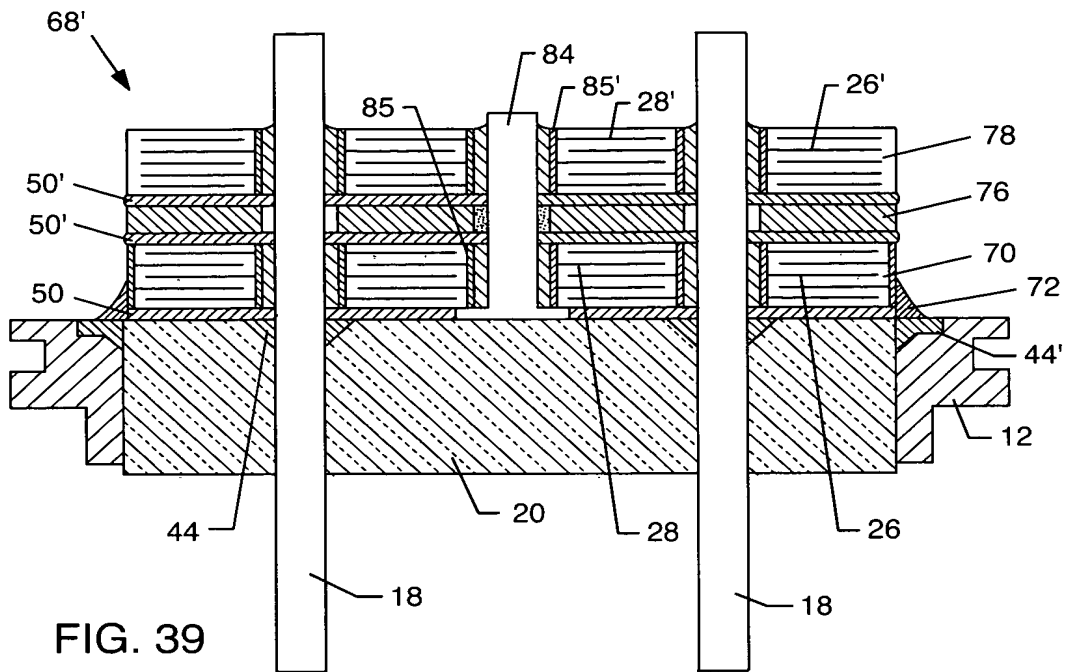


FIG. 39

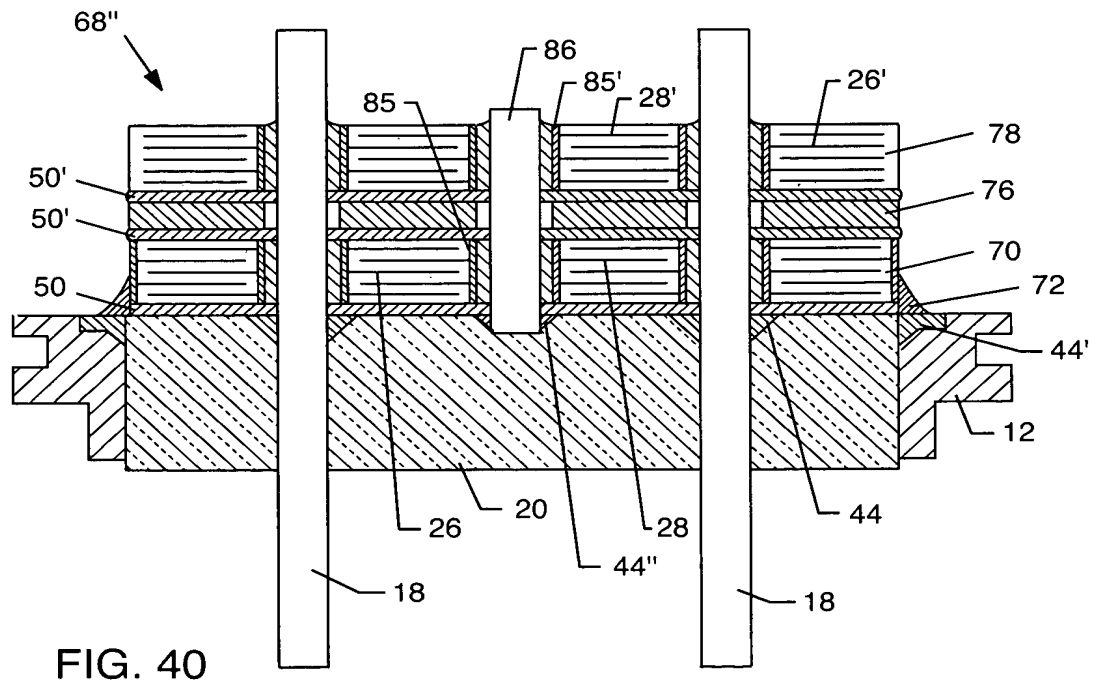


FIG. 40

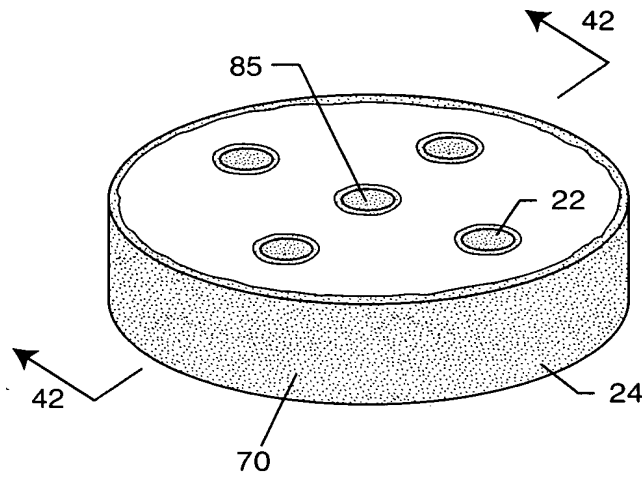


FIG. 41

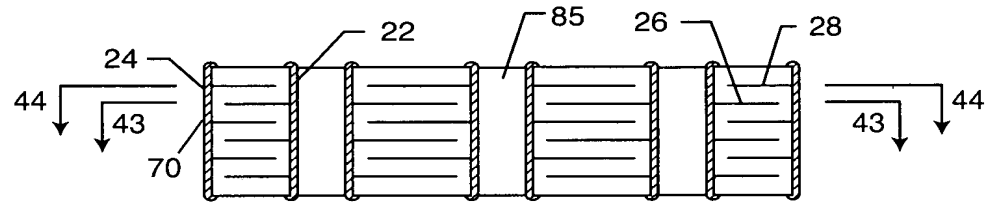


FIG. 42

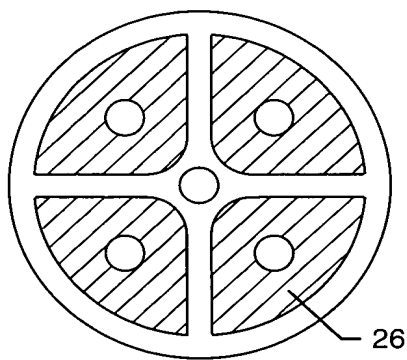


FIG. 43

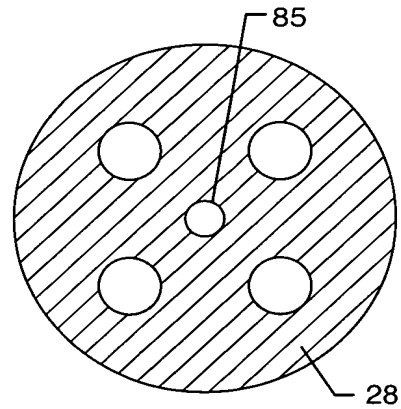
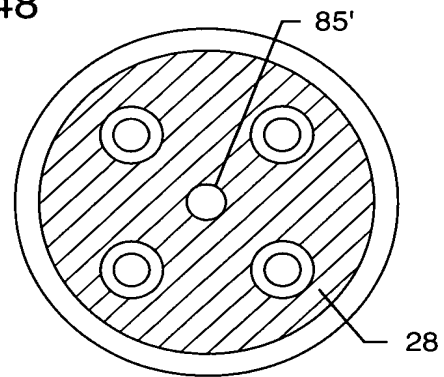
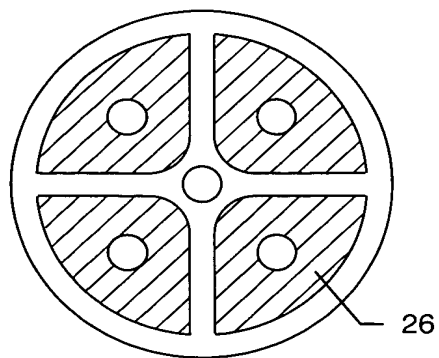
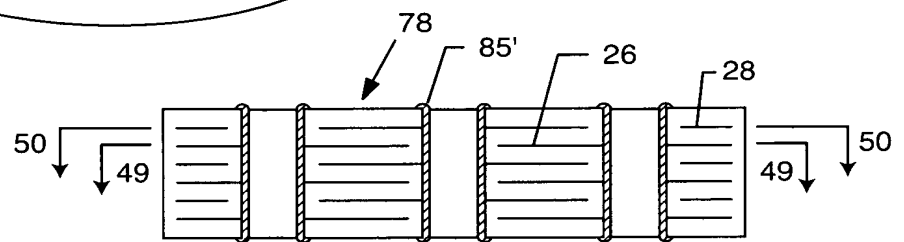
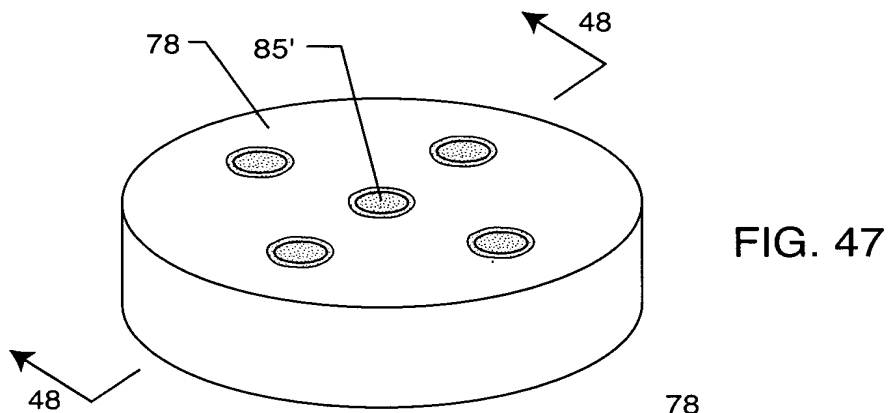
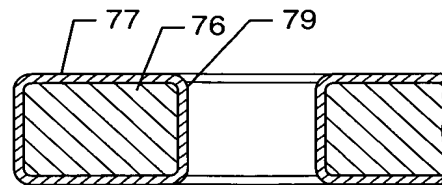
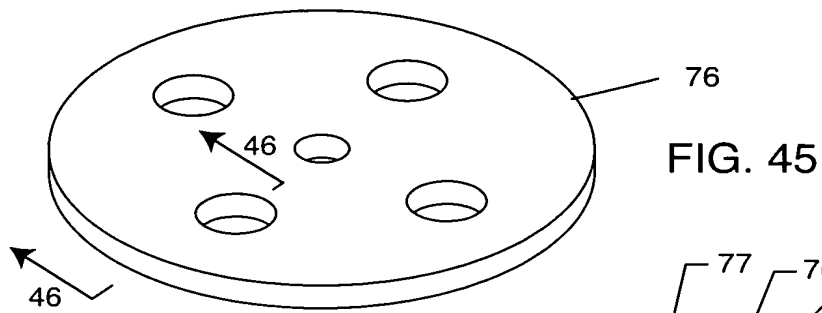
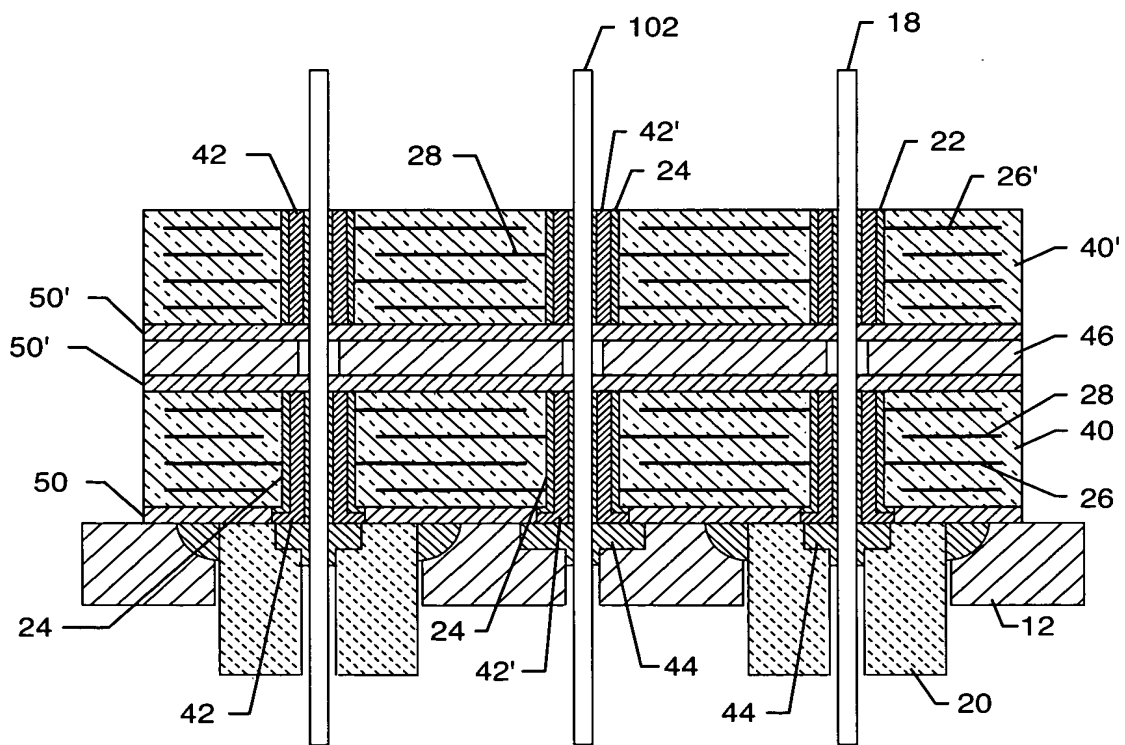
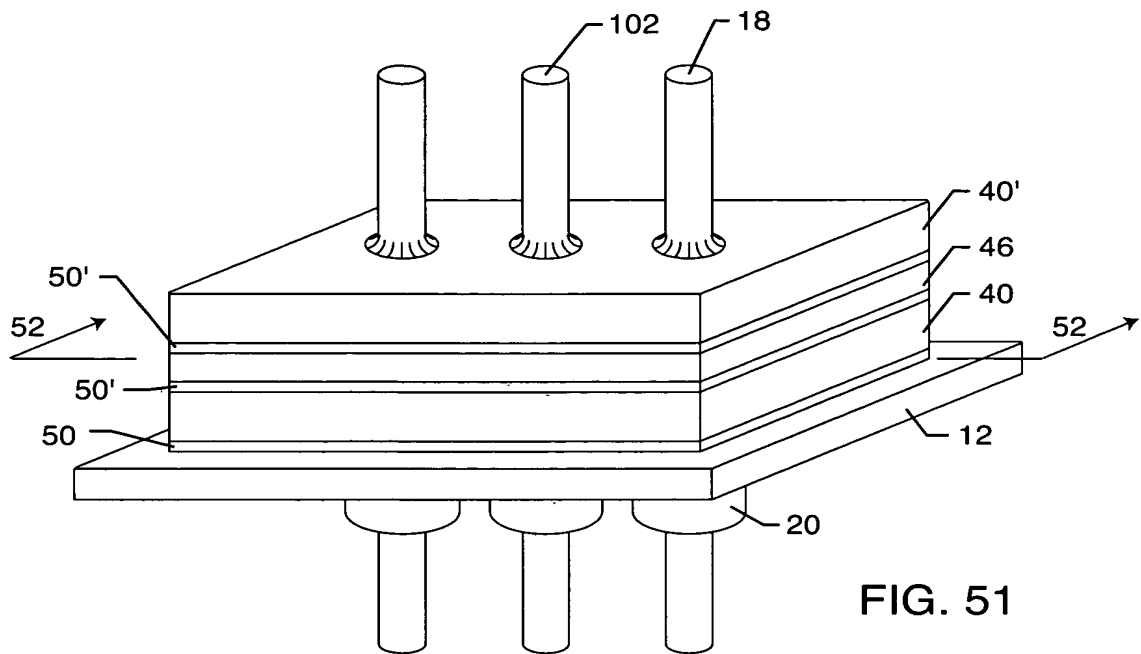


FIG. 44





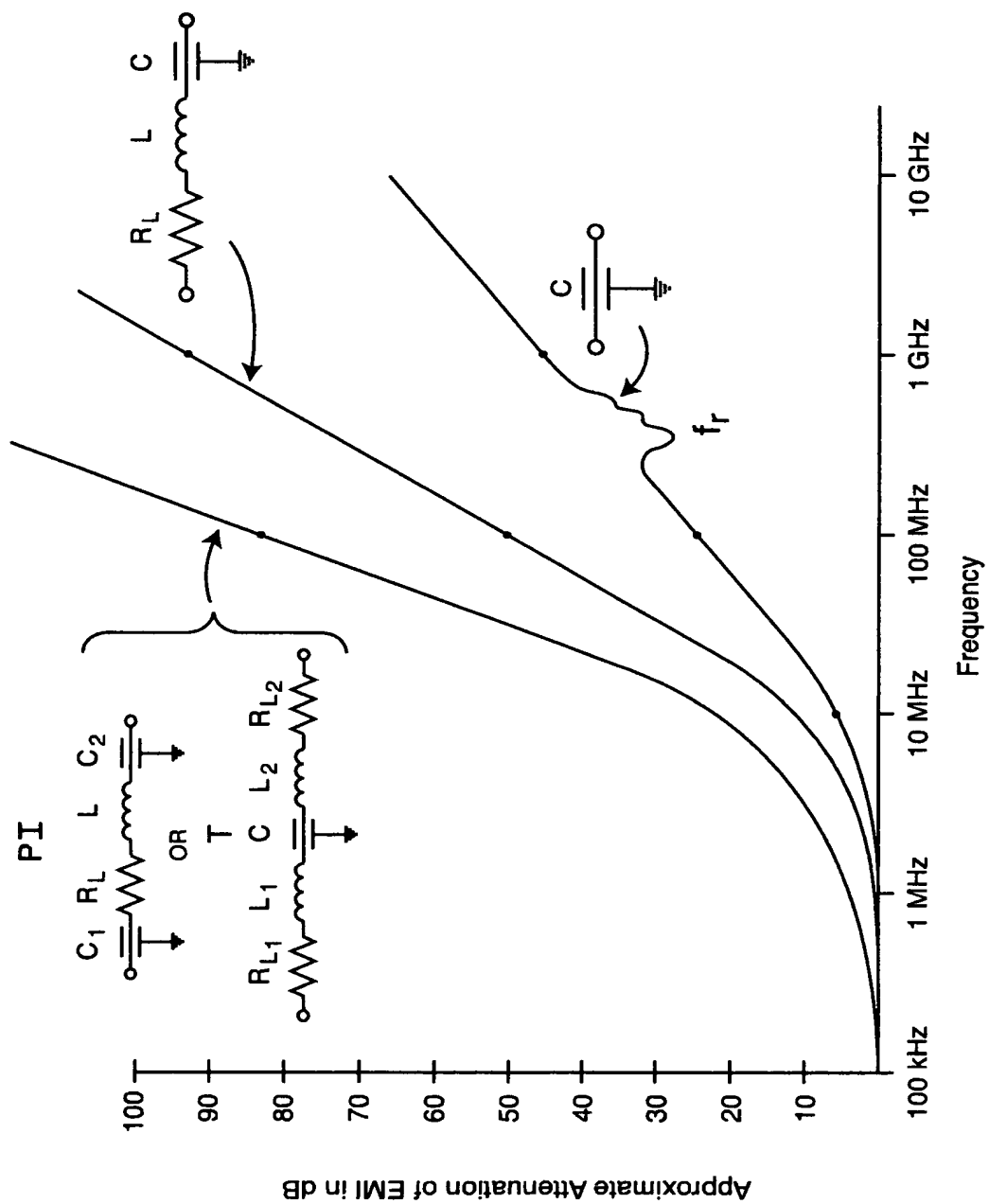
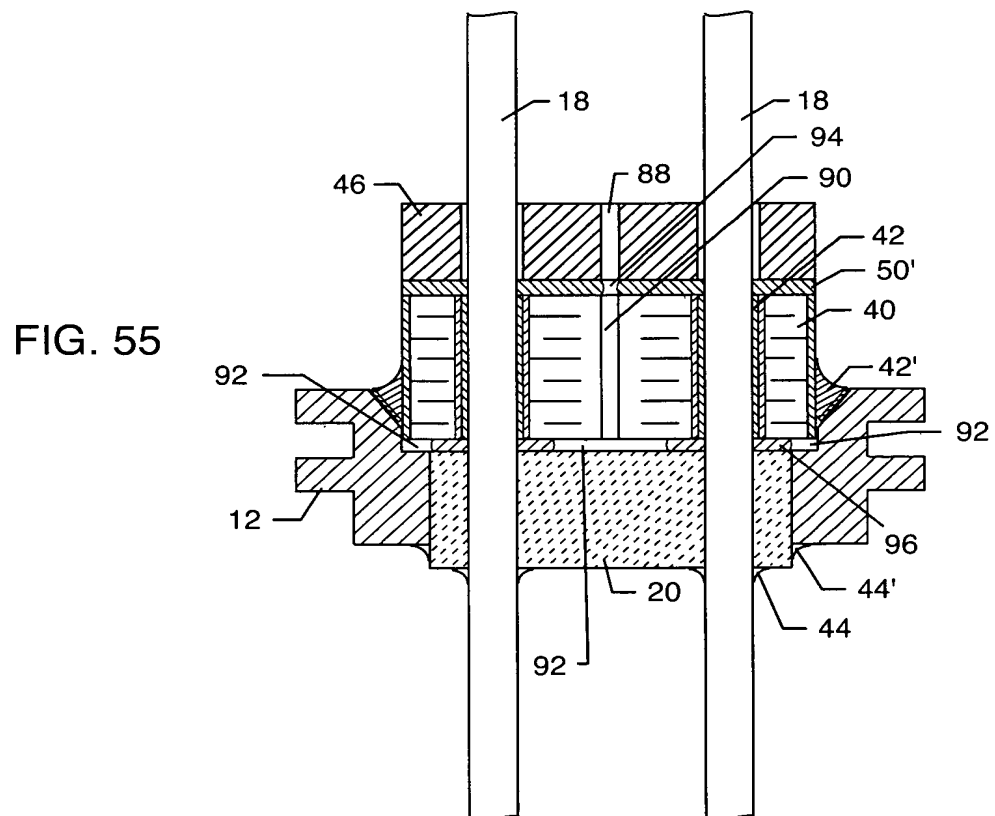
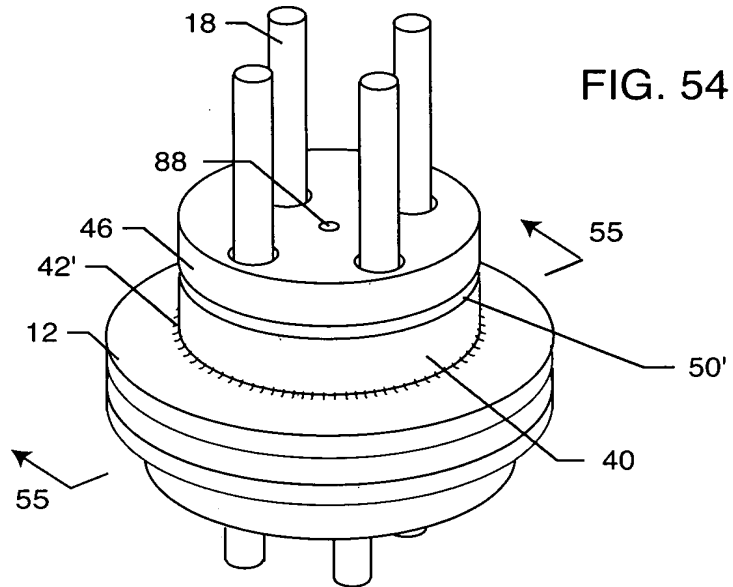
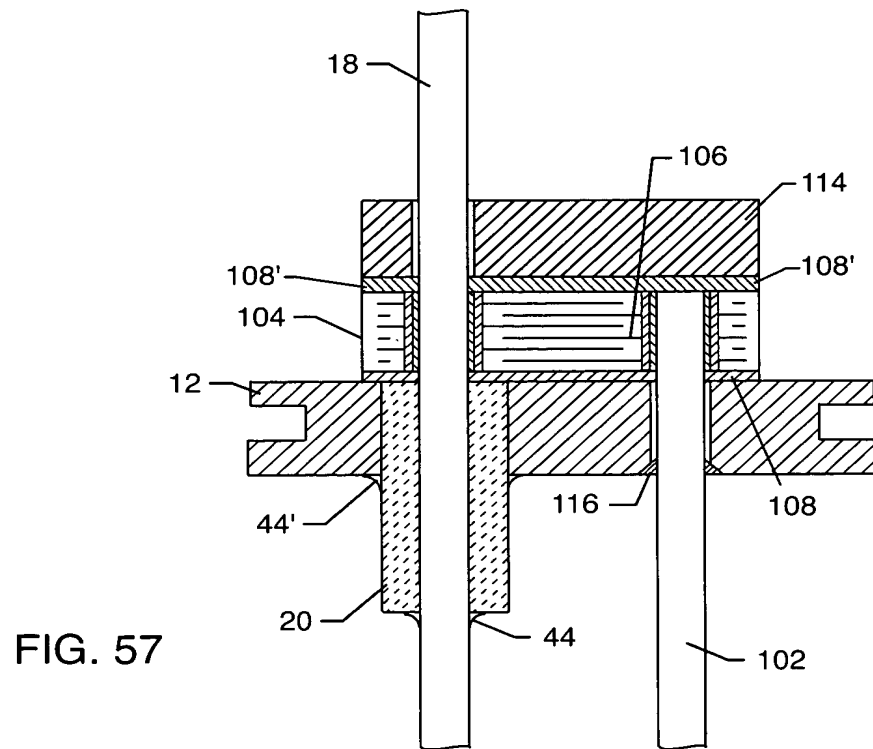
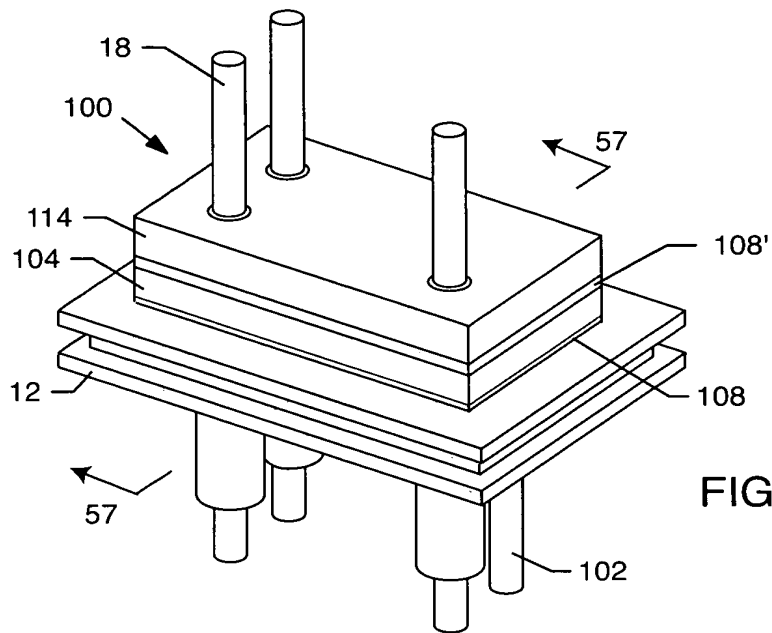


FIG. 53





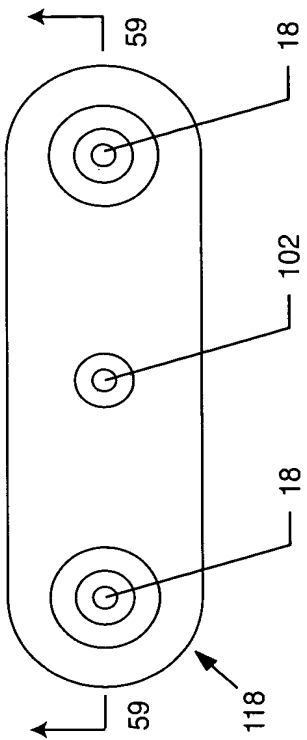


FIG. 58

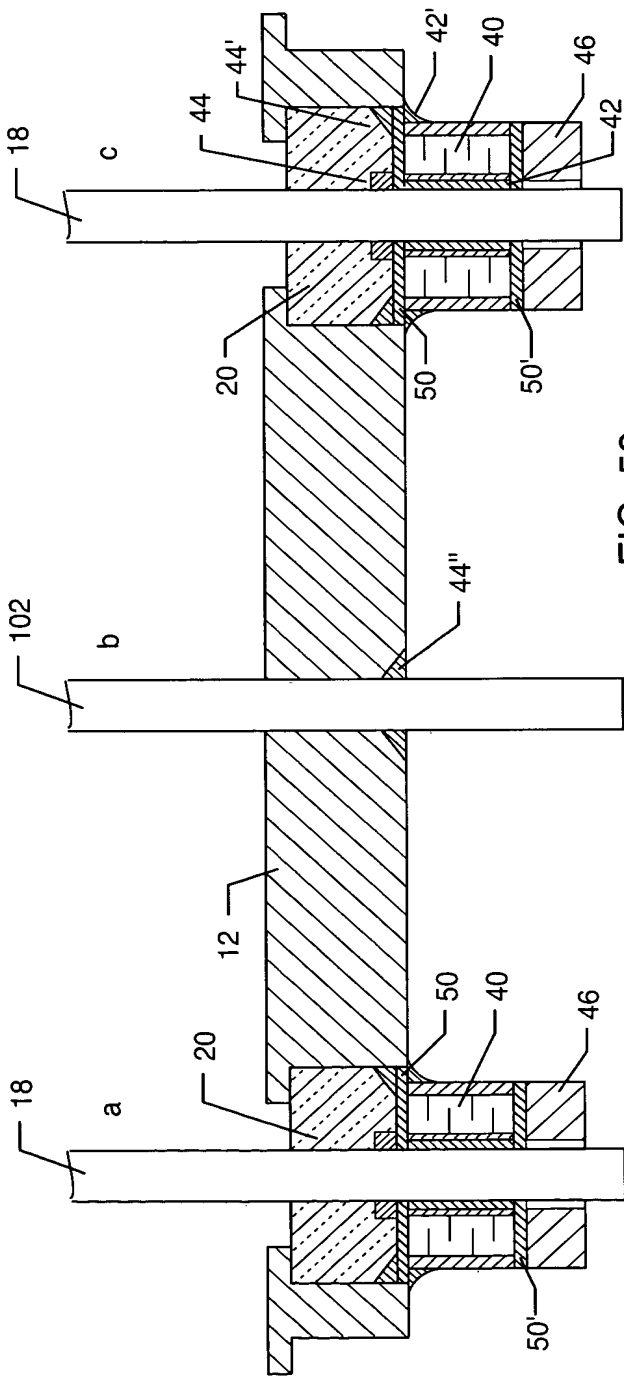
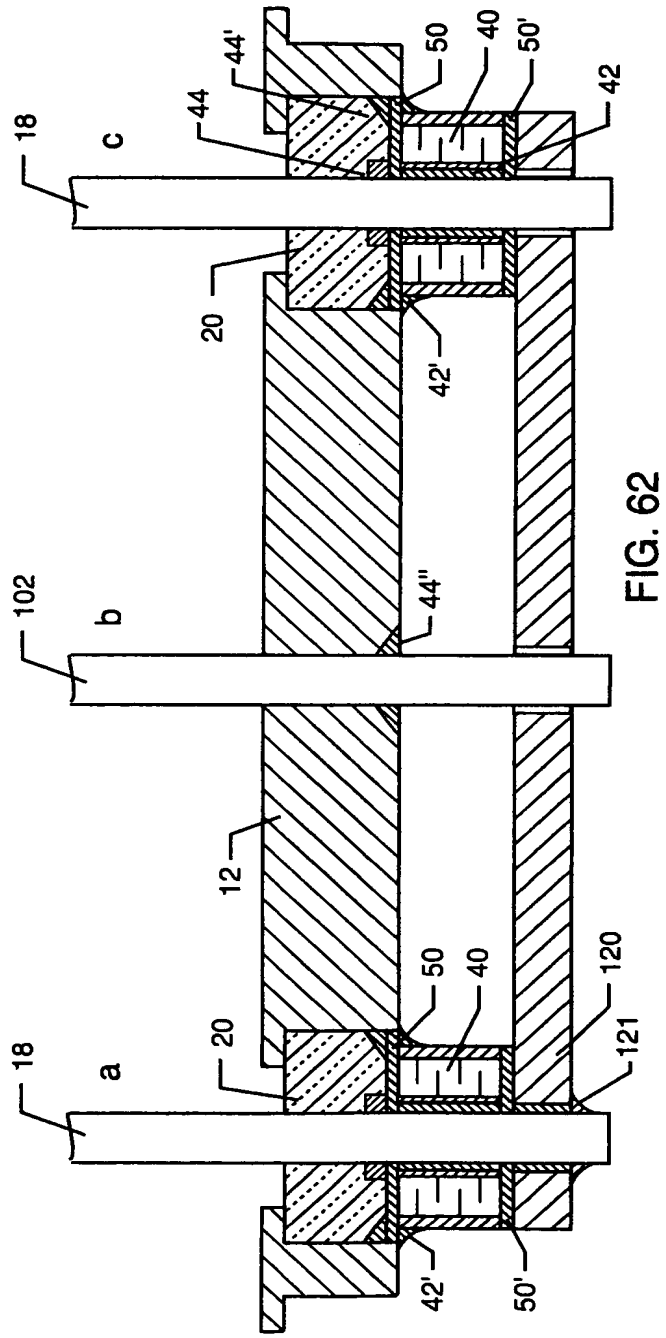
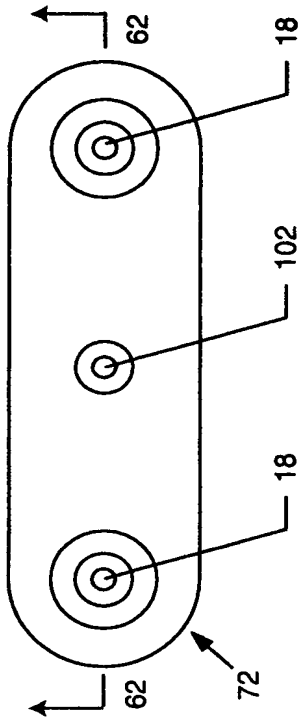
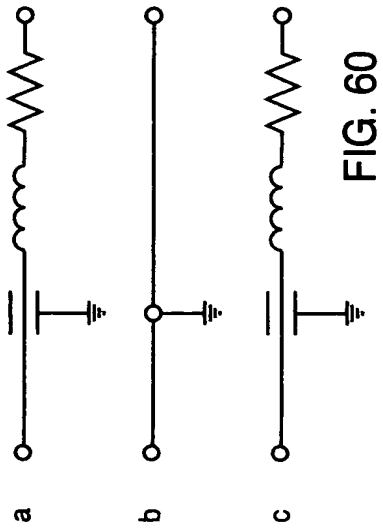


FIG. 59



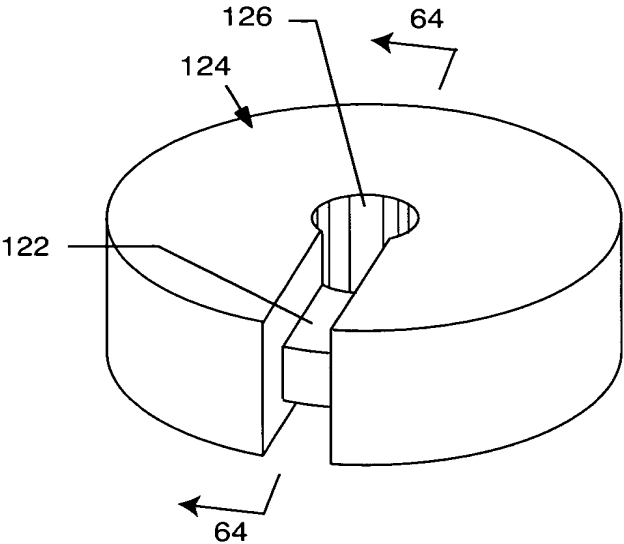


FIG. 63

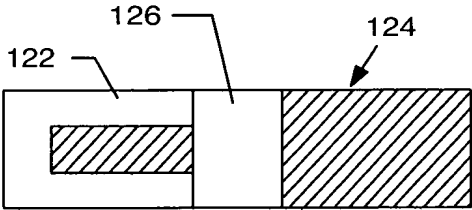


FIG. 64

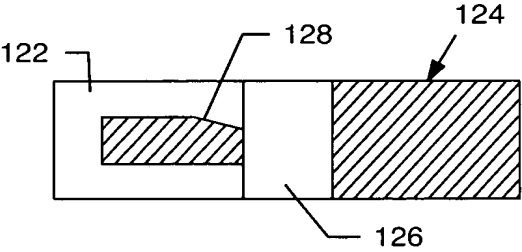


FIG. 65

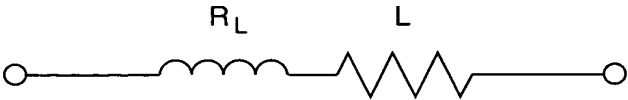


FIG. 66

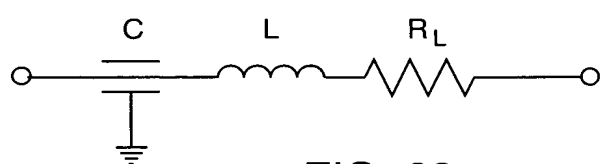
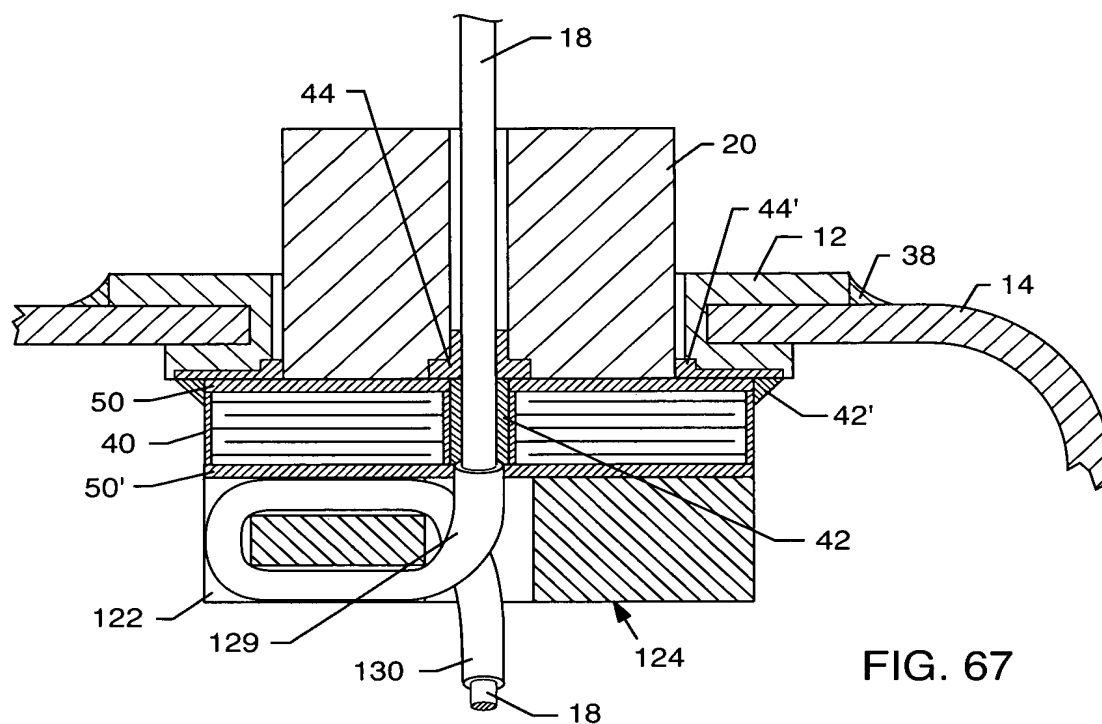
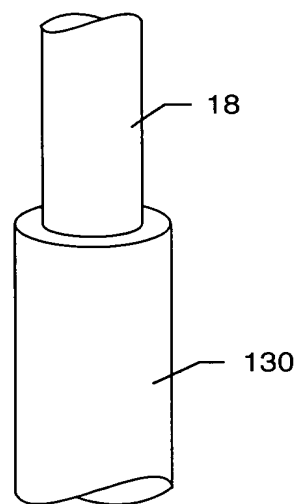


FIG. 69



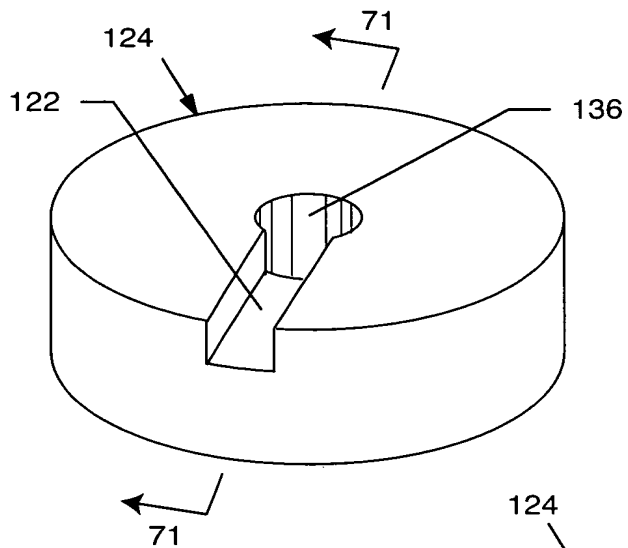


FIG. 70

FIG. 71

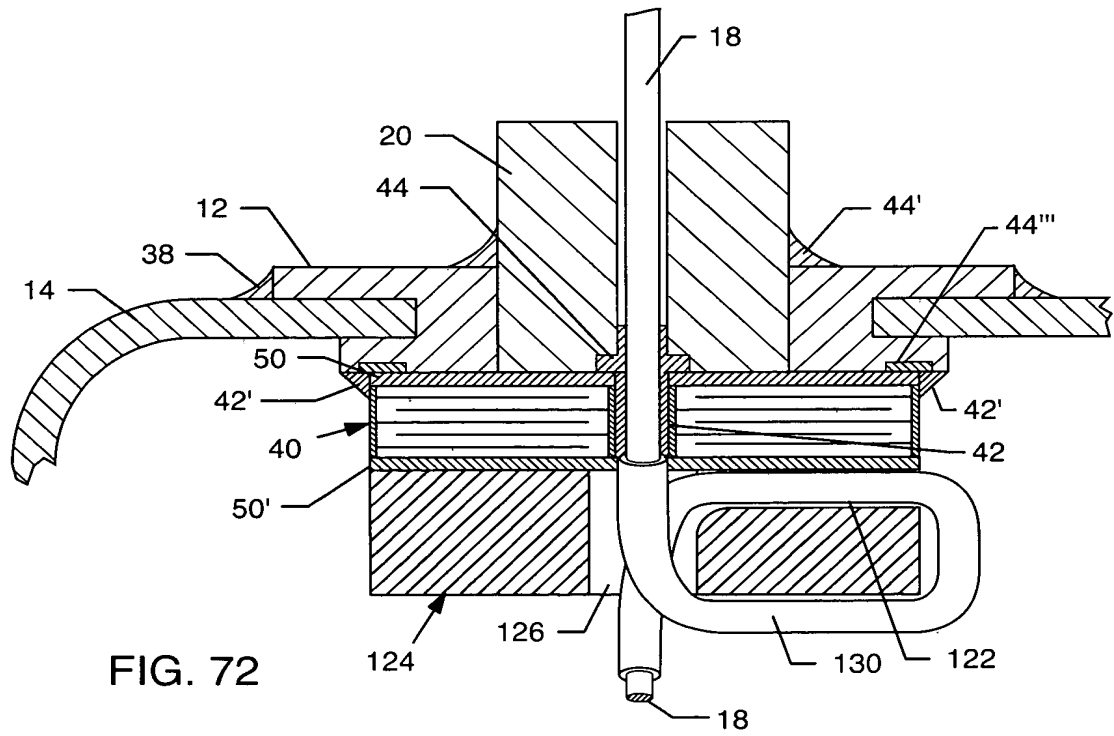
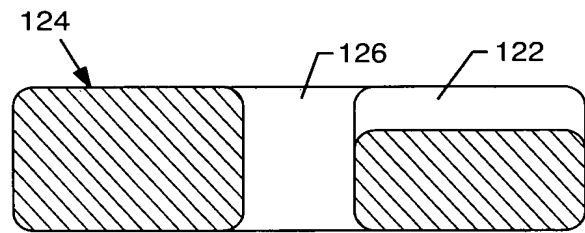


FIG. 72

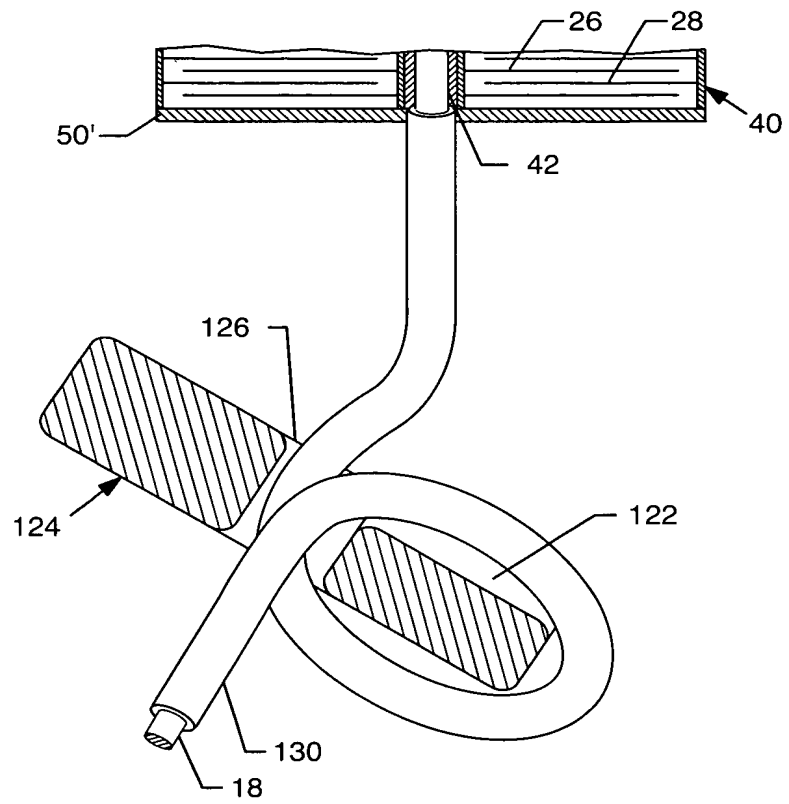
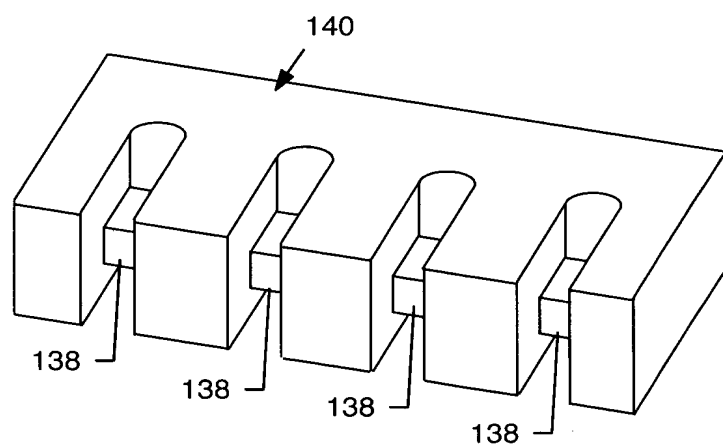
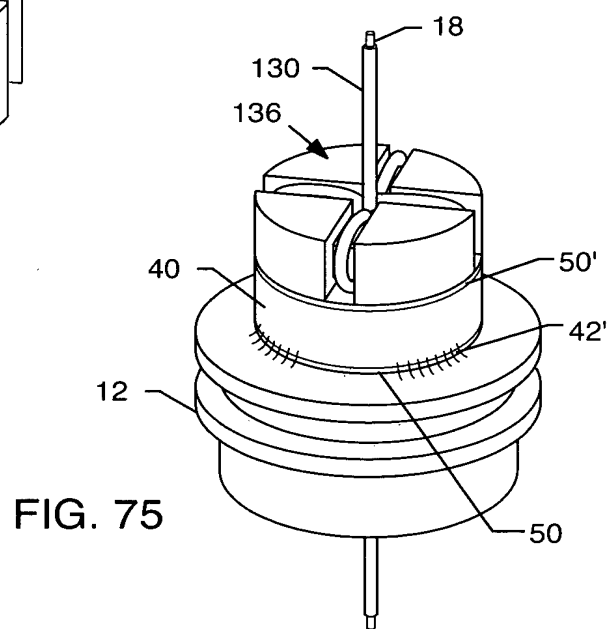
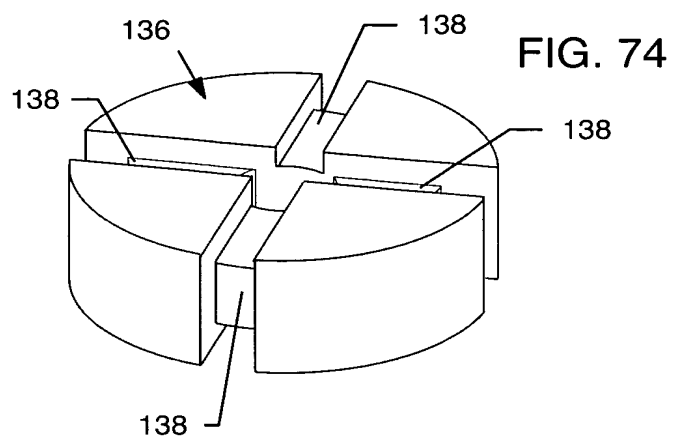


FIG. 73



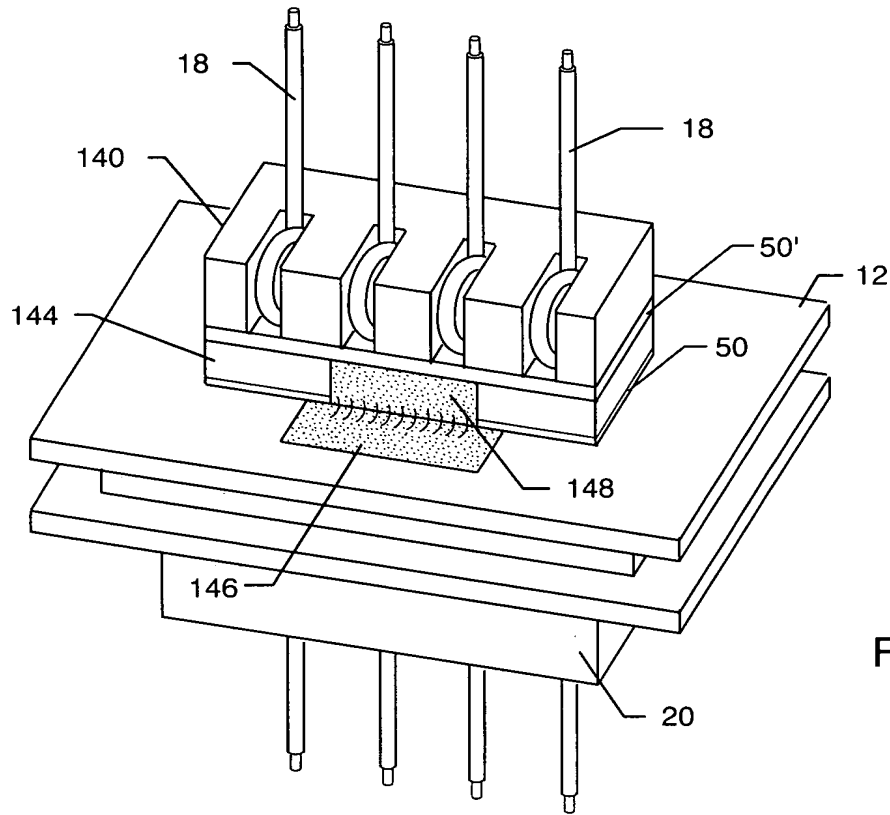


FIG. 77

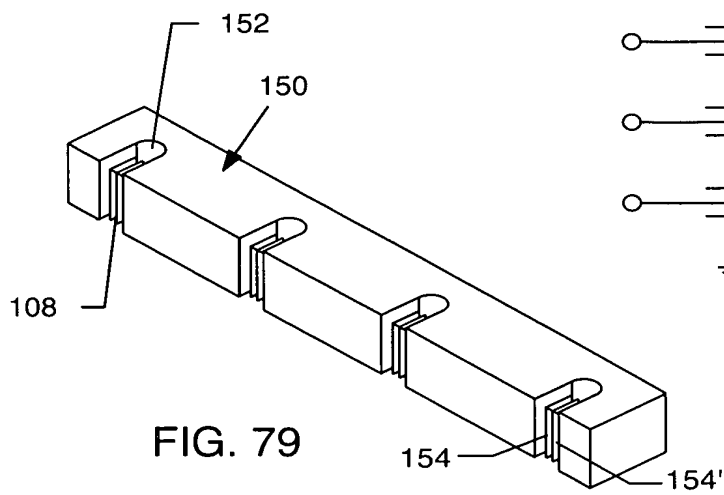


FIG. 79

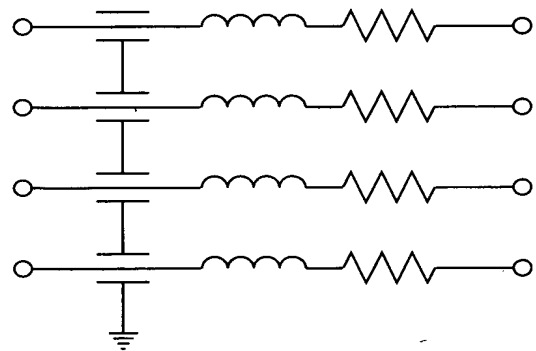


FIG. 78

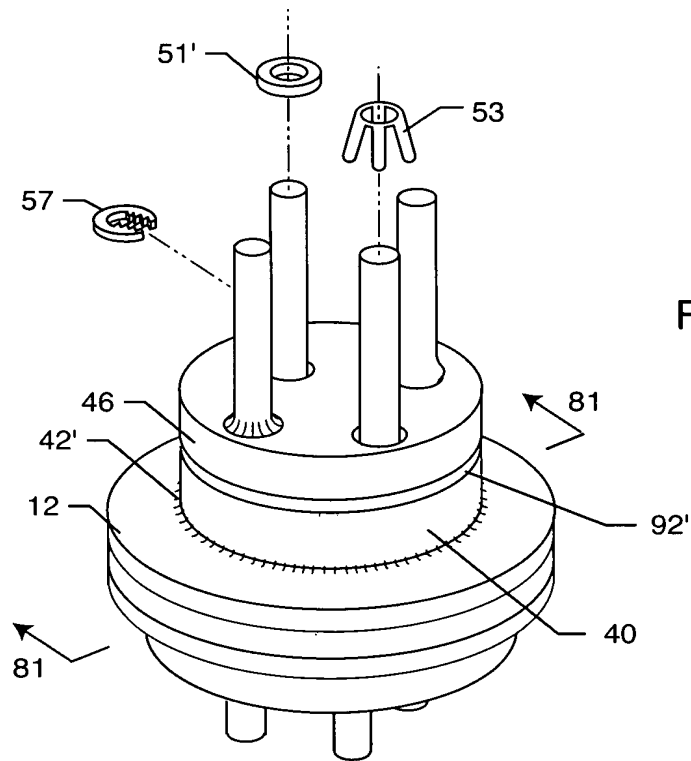
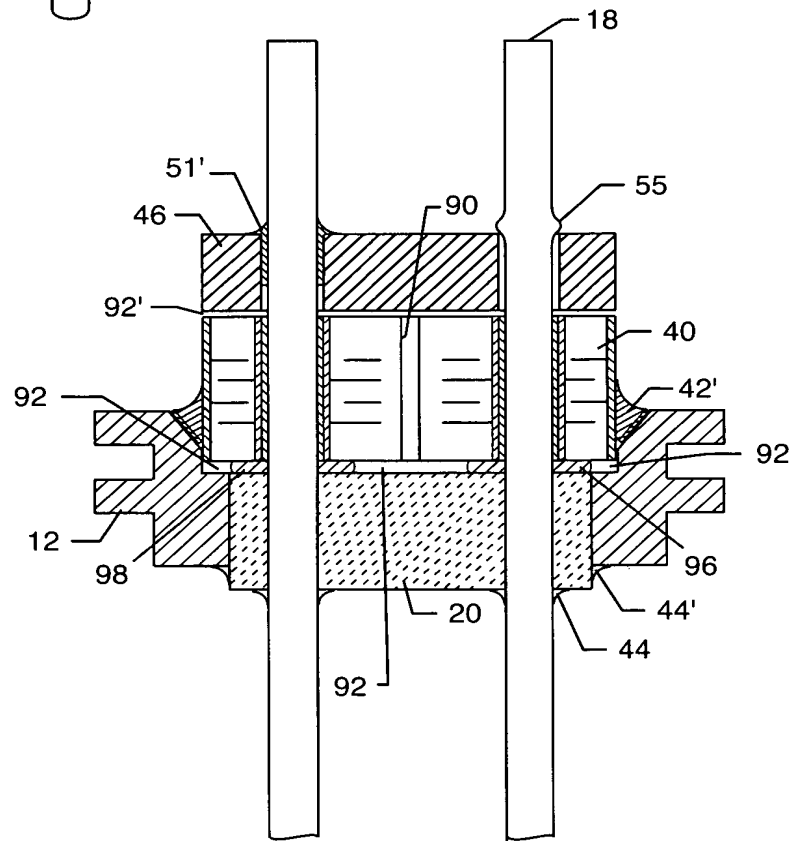


FIG. 80

FIG. 81



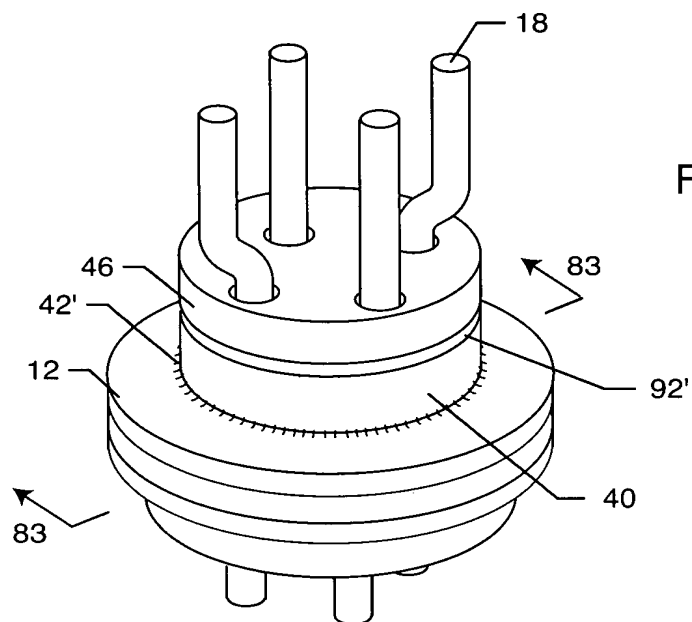
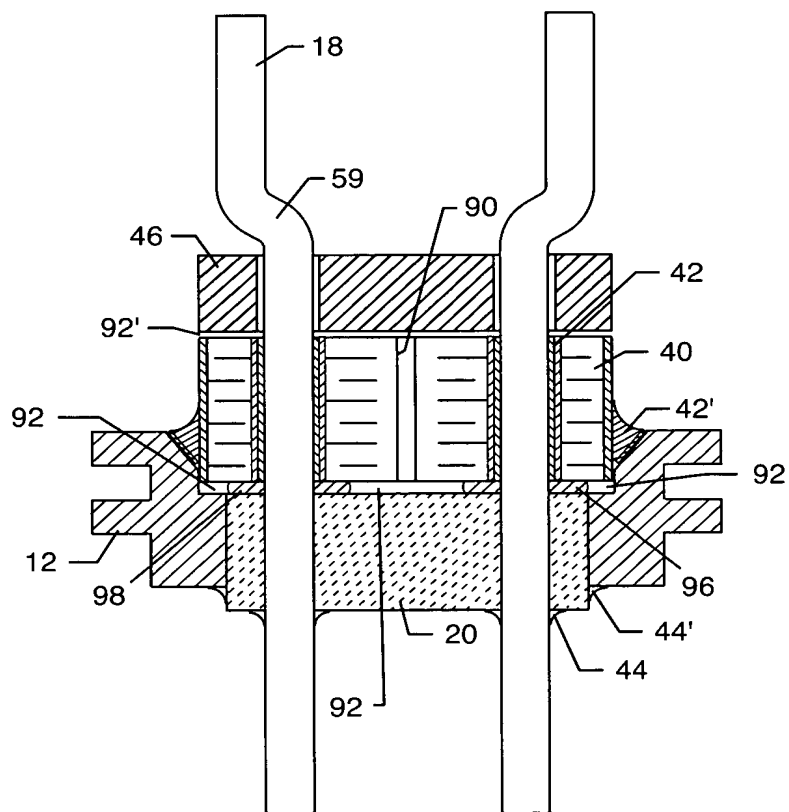


FIG. 83



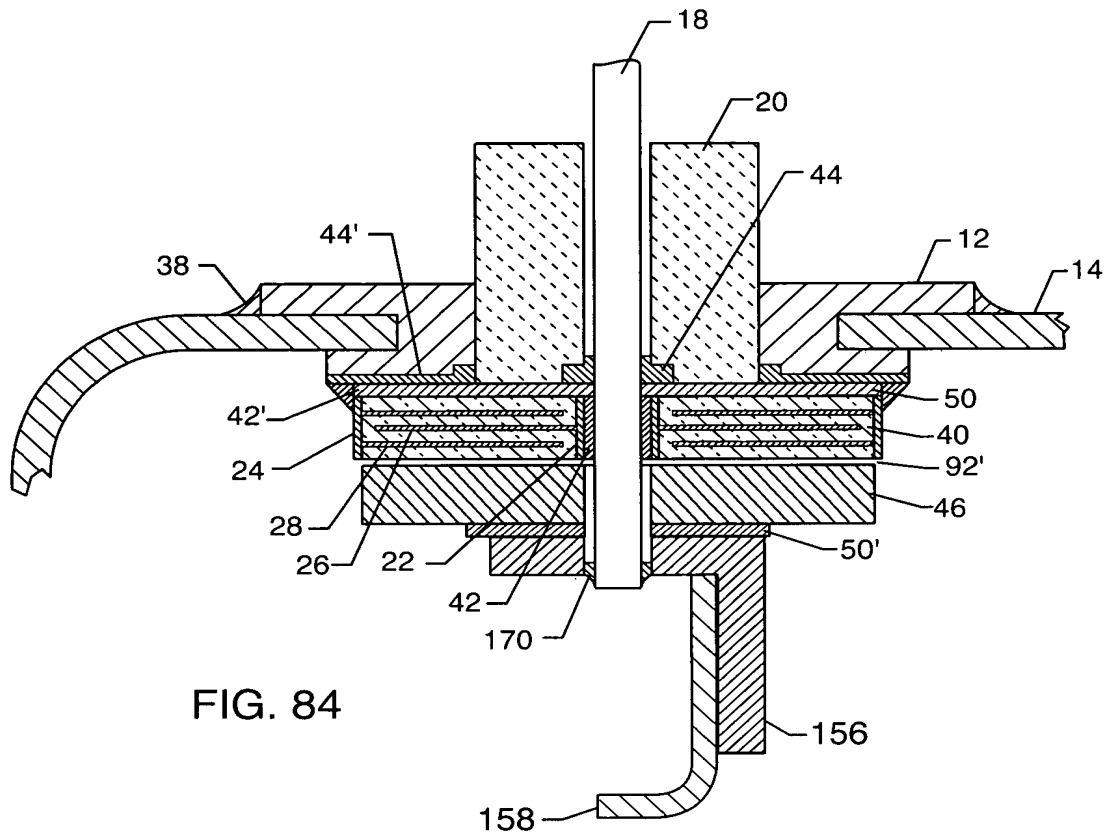


FIG. 84

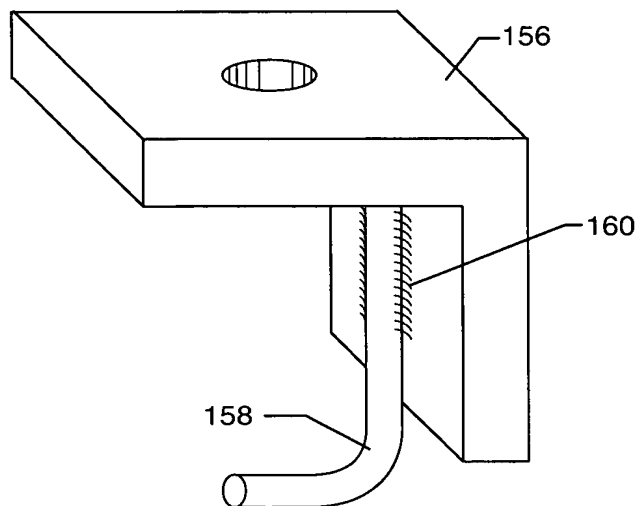


FIG. 85

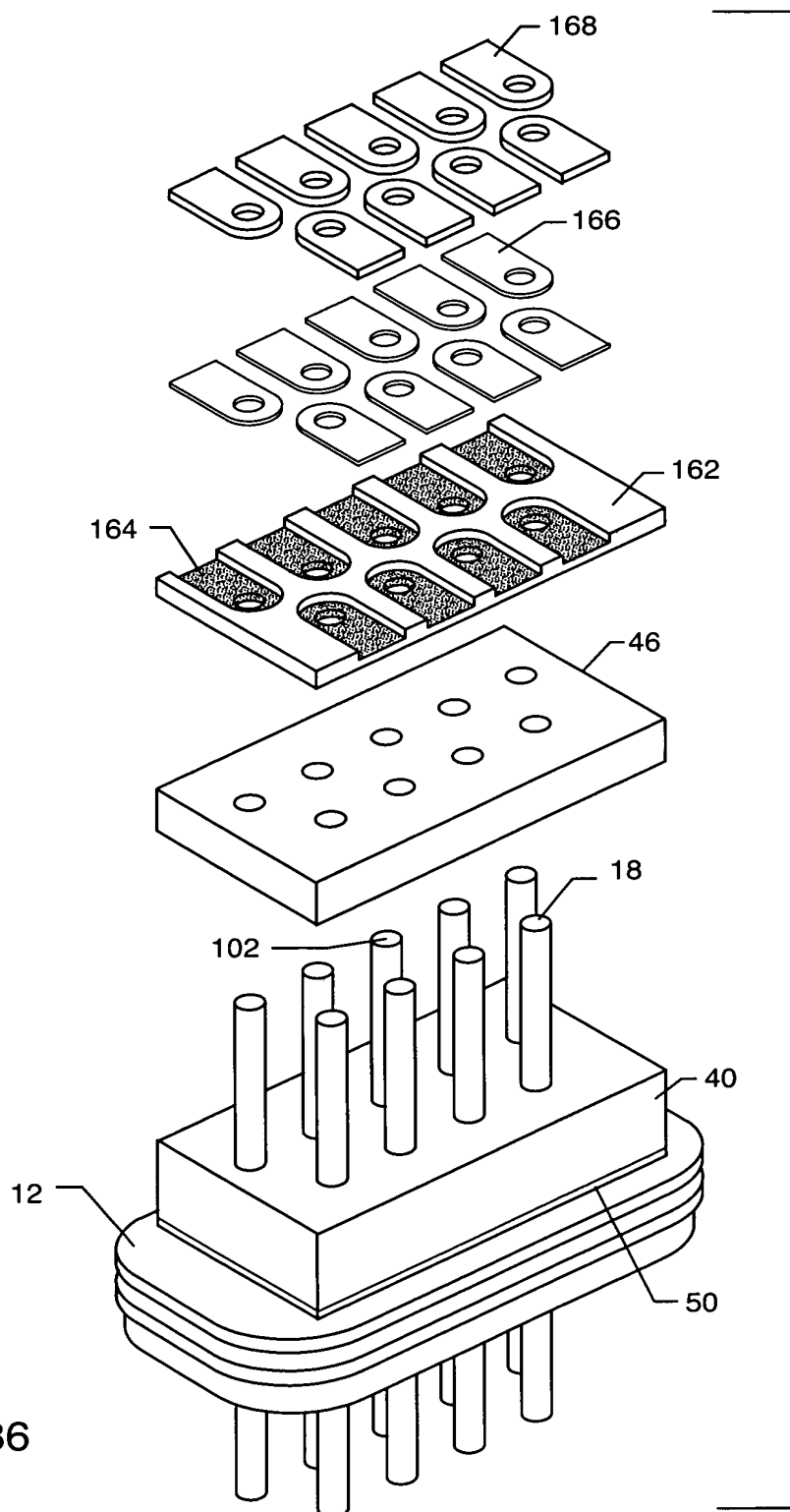


FIG. 86

FIG. 87

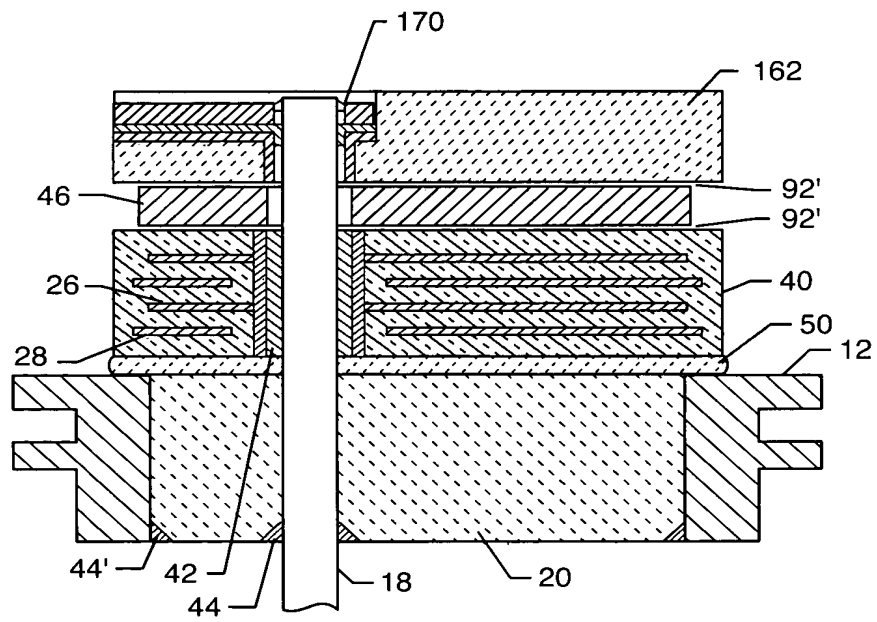
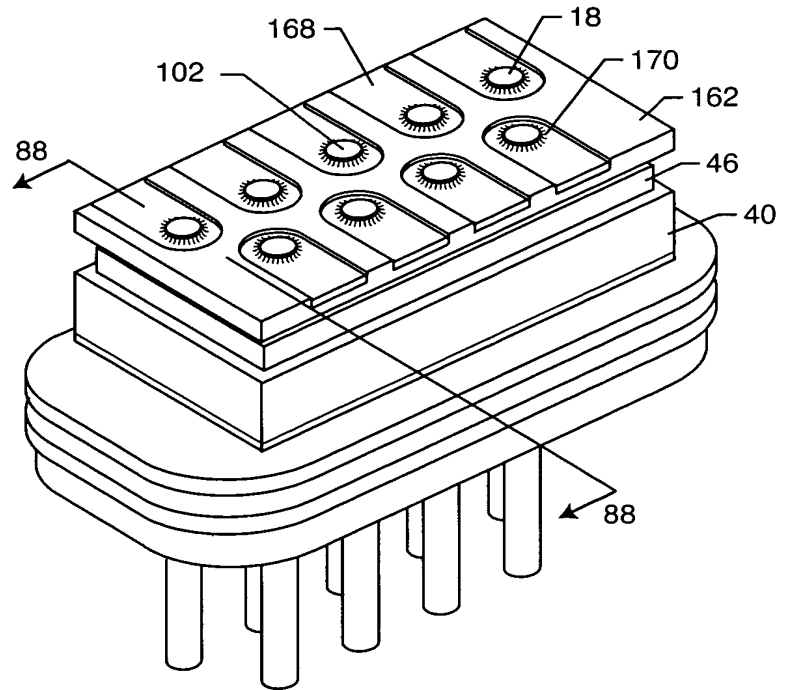


FIG. 88